



BOSCH

INDUSTRIAL TOOLS

Consistent, Reliable & Affordable Smart Solutions
Made for Industrial Assembly Lines

2026



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PRECISION MEETS VARIETY: DISCOVER THE BOSCH GROUP INDUSTRIAL PORTFOLIO

From the precision engineering of Bosch Rexroth to the power and performance of Bosch Power Tools, and the cutting-edge abrasives of sia. Bosch offers a comprehensive range of industrial tool Solutions.



BOSCH

INDUSTRIAL TOOLS

Precision Tools for Industrial performance. Bosch develops high-precision power tools, measuring devices, and accessories tailored for industrial applications. Our cordless 18V solutions enhance process reliability, efficiency, and operator safety while reducing downtime. With the AMPShare battery system, a single battery powers multiple tools and ensuring seamless workflows. Experience maximum control, durability, and productivity – engineered for industrial excellence.

[boschproductiontools.com](https://www.boschproductiontools.com)



WE TAKE CARE OF YOUR TOOLS

Buying a Bosch Industrial tool is just the beginning of a long-term partnership. And that's where our after-sales service starts. It helps you to conveniently take care of everything that arises in the long life of your tool. Our fast repair process and unbeatable access to Bosch spare parts through our service network have you covered.

You can rely on us - in every situation.



sia Abrasives

As one of the world's leading manufacturers of abrasives, sia Abrasives has been a reliable partner for industry and trade for decades. With a deep understanding of the requirements of various materials and applications, the company develops customized abrasive solutions for perfect surfaces. Through a comprehensive range of abrasive products and continuous innovations, sia Abrasives guarantees its customers the highest quality and efficiency.

siaabrasives.com



rexroth
A Bosch Company

REXROTH TOOLS

Rexroth offers precise screwdriving technology - tools, control systems, and corresponding accessories - for all essential screwdriving tasks across various industrial sectors: from intelligent cordless screwdrivers, ergonomic handheld screwdrivers, and versatile screwdriving spindles to fully automated screwdriving systems.

boschrexroth.com





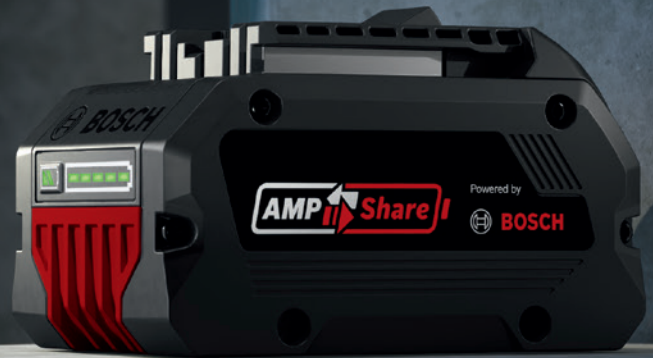


Powered by  **BOSCH**

Many brands.
Many tools.

ONE BATTERY SYSTEM.

AMPShare is the multi-brand battery system for trade and industry professionals. With just one shared battery system, you have the flexibility to switch between pro tools and brands – without thinking twice. With over 85 million batteries sold and a fast-growing alliance, AMPShare is the 18V battery system you can build on.



More information at ampshare.com





FROM PNEUMATIC TO CORDLESS

Elevate efficiency, cut costs, and save energy!

Cordless industrial tools are transforming work by offering mobility and ease over traditional pneumatic tools. No more compressors or hoses – just flexibility and energy savings up to 20x, with lower CO₂ emissions. Lighter, quieter, and cost effective, cordless tools deliver seamless operations and sustainability. Switch to Cordless Industrial today!

EXACT 12V AND ANGLE EXACT 12V

Smaller, shorter, lighter – the cordless industrial screwdriver with optimised ergonomics!



■ Optimised ergonomics

With a head length of 154 mm and a weight of 0.8 kg, including the 12 V 3.0 Ah rechargeable battery

■ Optimised process control

With six different screwdriving stages, which can be adjusted according to time, speed, direction and angle, as well as torque

■ Maximum service life and durability

Thanks to the brushless EC motor and high-quality, wear-free components

■ Compact 2.0 Ah and 3.0 Ah rechargeable batteries from the 12 V class

■ The compact design is ideal for 12 V tools

■ The optimised battery capacity makes it suitable for most 12 V applications

■ 6.0 Ah battery with maximum runtime in Bosch's 12 V category

■ Extremely high battery capacity allows for an approx. 300% longer runtime than that of the 12 V 2.0 Ah Professional model

■ Compact and with perfect balance between size and capacity for ultimate performance with 12 V power tools

■ Compatible since 2005: All of our batteries are compatible with new and existing Bosch Professional tools in the same voltage class.

HANDLING AND ERGONOMICS OF THE EXACT 12V

Extremely light tool with just 0.65 kg without the battery and very short head length (154 mm) and low height (179 mm)

USB PORT FOR SREW-DRIVING STAGE SPEED PARAMETRISATION

Adjustable in regard to switch-off, angle and time

RELIABILITY

Reliable 12 V lithium-ion battery pack with an extremely long service life

1/4" QUICK-CHANGE CHUCK

For a quick tool change

CAN BE ADJUSTED TO SPECIAL APPLICATIONS

USB interface for the parametrisation of speed for screwdriving stages

LED RING LIGHT

For perfect illumination in dark and enclosed spaces. Adjustable via USB connection

NEW, EXTREMELY SMALL ANGLED HEAD

With 1/4" quick-change chuck or 3/8" square, freely rotatable



DURABLE, WITH A LONG SERVICE LIFE

An extremely robust and high quality brushless motor tool with an exceptionally long service life

HANDLING AND ERGONOMICS OF THE ANGLE EXACT 12V

Extremely light tool with just 0.9 kg without the battery and short head length (346 mm)

OPTIMISED TOOL CONTROL

Different tightening phases and adjustments can be made with regard to shut-off, angle and time via USB connection

MAXIMUM PROCESS RELIABILITY

Visual and acoustic indication of the results of the screwdriving operation, as well as the battery status

FLEXIBLE POWER SYSTEM

Compatible with all 12 V batteries from Bosch Professional upwards of 2.0 Ah (and chargers)



1 EXACT 12V

Smaller, shorter, lighter – the cordless industrial screwdriver with optimised ergonomics!

- **Optimised ergonomics:** With a head length of 154 mm and a weight of 0.8 kg, including the 12 V 3.0 Ah rechargeable battery
- **Optimised process control:** With six different screwdriving stages, which can be adjusted according to time, speed, direction and angle, as well as torque
- **Maximum service life and durability:** Thanks to high-quality, wear-free components
- Brushless (EC) motor for 30% more efficiency (compared to conventional DC motors) and an extremely long service life
- LED ring light for optimal illumination of the working area; can be adjusted via USB connection
- Precision shut-off clutch with $C_{mk} > 1.67$ (im +/-10% – tolerance range as per VDI 2647)
- Visual and acoustic indication of the results of the screwdriving operation, as well as the battery status, for maximum process reliability
- Bosch Premium lithium-ion technology for a long service life and runtime

		Order number
EXACT 12V-6-670		0 602 496 400 5-pack: 0 602 496 500
EXACT 12V-4-1100		0 602 496 404 5-pack: 0 602 496 504
EXACT 12V-2-670		0 602 496 402 5er-5-pack: 0 602 496 502

Torque hard/soft as per ISO 5393 (Nm)	Speed (idle)	Tool holder	Battery specifications (V)	Direction of rotation	Weight as per EPTA (kg)
1,5 – 6	134–670* with Power Boost maximum 900	1/4" quick-change chuck	12 V 3.0 Ah**	R/L	0.85 (incl. battery)
1 – 4	220–1100* with Power Boost maximum 1500	1/4" quick-change chuck	12 V 3.0 Ah**	R/L	0.85 (incl. battery)
0,5 - 2	134–670* with Power Boost maximum 900	1/4" quick-change chuck	12 V 3.0 Ah**	R/L	0.85 (incl. battery)
	* limited power at speeds < 50%		** Battery not included in scope of delivery		

ANGLE EXACT 12V

Smaller, shorter, lighter – the cordless industrial screwdriver with optimised ergonomics!

- **Optimised ergonomics:** With a head length of 346 mm and a weight of 1.1 kg, including the 12 V 3.0 Ah rechargeable battery
- LED ring light for optimal illumination of the working area; can be adjusted via USB connection
- New, extremely small angled head with ¼" quick-change chuck or 3/8" square, freely rotatable
- Precision shut-off clutch with $C_{mk} > 1.67$ (im +/-10% – tolerance range as per VDI 2647)
- Visual and acoustic indication of the results of the screwdriving operation, as well as the battery status, for maximum process reliability
- Bosch Premium lithium-ion technology for a long service life and runtime

Order number

**ANGLE EXACT
12V-12-400**

0 602 496 600



**ANGLE EXACT
12V-6-600**

0 602 496 601



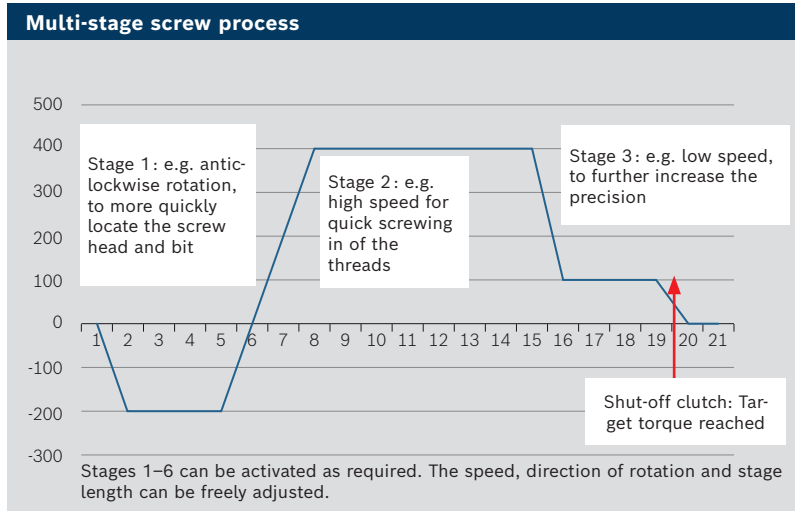
**ANGLE EXACT
12V-3-600**

0 602 496 602



Configuration	Torque hard/soft as per ISO 5393 (Nm)	Speed (idle speed)	Battery specifications	Direction of rotation	Weight as per EPTA (kg)
with 12 V angled head (please order separately)	3–10 Nm maximum 12*	74–370** with a maximum Power Boost of 500	12 V 3.0 Ah***	R/L	1.1****
with adapter 0 602 496 022 and straight screw head 0 607 453 631 (please order separately)	1.5–6 maximum 6.5*	134–670** with Power Boost maximum 910	12 V 3.0 Ah***	R/L	1.2****
with adapter 0 602 496 022 and 180W straight screw head (please order separately)	2.5–8 maximum 9*	95–480** with a maximum Power Boost of 650	12 V 3.0 Ah***	R/L	1.2****
with 12 V angled head (please order separately)	2.0–6.0	120–600** with a maximum Power Boost of 800	12 V 3.0 Ah***	R/L	1.1****
with 12 V angled head (please order separately)	1.0–3.5	120–600** with a maximum Power Boost of 800	12 V 3.0 Ah***	R/L	1.1****
	* Only possible in cyclic operation: < 5 screwdriving operations per minute	** limited power at speeds <50%	*** Battery not included in scope of delivery		**** incl. battery 3.0 Ah and angled head

EXACT ION 18V AND ANGLE EXACT ION 18V



Greater process reliability:

- Precision shut-off clutch with $C_{mk} > 1.67$ ($\pm 10\%$ – tolerance range as per VDI 2647)
- NEW! Multi-stage screwdriving process that can be adjusted to your individual screwdriving application via USB connection

Greater efficiency:

- Bosch Premium lithium-ion technology for a long service life and runtime
- Brushless (EC) motor for 30% more efficiency (compared to conventional DC motors) and an extremely long service life

Greater comfort:

- New ergonomic design and lower weight for even more comfortable working

Reduced costs:

- Quicker speeds (in comparison to its predecessor) and screwdriving stages allow for a reduction in manufacturing times and improved quality



Innovative, patented interface to prevent confusion

Temperature monitoring and overload protection for an extremely long service life

Double locking mechanism that prevents the unit from falling out

Battery charge indicator for ease of discerning the state of charge

Bosch high-performance battery cells with minimal energy loss, for maximum speed and torque

Integrated cooling for an extremely long service life

1/4" QUICK-CHANGE CHUCK

For fast tool changeover

LED LIGHTING

For optimal illumination of the work area

SHUT-OFF CLUTCH

Can be adjusted with a special tool – for maximum precision

INNOVATIVE MODULAR ELECTRONICS

For even easier servicing

ANGLED HEAD

Adjustable for even more ergonomic working

BRUSHLESS MOTOR

For maintenance-free operation

VISUAL AND ACOUSTIC INDICATION

Of the results of the screwdriving operation, as well as the battery status for a high degree of process reliability

NEW SWITCH MODULE AND NEW HANDLE DESIGN

for even more ergonomic working

USB INTERFACE FOR CONFIGURING SPEED OF SREWDRIVING STAGES

adjustable to your specific application

RELIABLE 18 V LITHIUM-ION BATTERY PACK

with an extremely long service life









LED LIGHTING

Adjustable for optimal illumination of the work area

1 EXACT ION 18V

- Precision shut-off clutch with $C_{mk} > 1.67$ (im $\pm 10\%$ – tolerance range as per VDI 2647)
- Multi-stage screwdriving process that can be adjusted to your individual screwdriving application via USB connection
- Bosch Premium lithium-ion technology for a long service life and runtime
- Brushless (EC) motor for 30% more efficiency (compared to conventional DC motors) and an extremely long service life
- New ergonomic design and lower weight for even more comfortable working
- Quicker speeds and screwdriving stages allow for a reduction in manufacturing times and improved quality

	Order number	Torque hard/soft as per ISO 5393 (Nm)	Speed (idle)
EXACT ION 2-700 	0 602 494 400	0,5 - 2	70 – 700*
EXACT ION 4-2000 	0 602 494 401	1,5 - 4	200 – 2.000*
EXACT ION 6-1500 	0 602 494 402	1,5 - 6	150 – 1.500*
EXACT ION 8-1100 	0 602 494 403	2 - 8	110 – 1.100*
EXACT ION 12-700 	0 602 494 404	2 - 12	70 – 700*
EXACT ION 12-450 	0 602 494 405	2 - 12	45 – 450*

* Below 50% speed, there may be less power

Tool holder	Battery specifications (V)	Direction of rotation	Weight as per EPTA (kg)	Accessories included in scope of delivery
1/4" quick-change chuck	18 V/2.0 Ah **	R/L	1.3 (incl. battery)	Light-green colour ring
1/4" quick-change chuck	18 V/2.0 Ah **	R/L	1.3 (incl. battery)	Grey colour ring
1/4" quick-change chuck	18 V/2.0 Ah **	R/L	1.3 (incl. battery)	Black colour ring
1/4" quick-change chuck	18 V/2.0 Ah **	R/L	1.3 (incl. battery)	Orange colour ring
1/4" quick-change chuck	18 V/2.0 Ah **	R/L	1.3 (incl. battery)	Red colour ring
1/4" quick-change chuck	18 V/2.0 Ah **	R/L	1.3 (incl. battery)	Black colour ring

** Battery not included in scope of delivery

EXACT ION WK 18V

- Precision shut-off clutch with $C_{mk} > 1.67$ (im $\pm 10\%$ – tolerance range as per VDI 2647)
- Multi-stage screwdriving process that can be adjusted to your individual screwdriving application via USB connection
- Bosch Premium lithium-ion technology for a long service life and runtime
- Brushless (EC) motor for 30% more efficiency (compared to conventional DC motors) and an extremely long service life
- New ergonomic design and lower weight for even more comfortable working
- Quicker speeds and screwdriving stages allow for a reduction in manufacturing times and improved quality

	Order number	Torque hard/soft as per ISO 5393 (Nm)*	Speed (idle)*
 <p>EXACT ION 6-1500 WK</p>	0 602 494 406	2 – 8	105 – 1.050**
 <p>EXACT ION 8-1100 WK</p>	0 602 494 407	2 – 11	75 – 750**
 <p>EXACT ION 12-700 WK</p>	0 602 494 408	2 – 16	50 – 500**
 <p>EXACT ION 12-450 WK</p>	0 602 494 409	2 – 16	32 – 320**

* Measured with Bosch angled screw head

** Below 50% speed, there may be less power










Tool holder	Battery specifications (V)	Direction of rotation	Weight as per EPTA (kg)	Accessories included in scope of delivery
Flange for angled head ***	18 V/2.0 Ah ****	R/L	1.4 (incl. battery)	Black colour ring
Flange for angled head ***	18 V/2.0 Ah ****	R/L	1.4 (incl. battery)	Orange colour ring
Flange for angled head ***	18 V/2.0 Ah ****	R/L	1.4 (incl. battery)	Red colour ring
Flange for angled head ***	18 V/2.0 Ah ****	R/L	1.4 (incl. battery)	Light blue colour ring

*** Angled head not included in scope of delivery

**** Battery not included in scope of delivery

ANGLE EXACT ION 18V

- Precision shut-off clutch with $C_{mk} > 1.67$ (im $\pm 10\%$ – tolerance range as per VDI 2647)
- Multi-stage screwdriving process that can be adjusted to your individual screwdriving application via USB connection
- Bosch Premium lithium-ion technology for a long service life and runtime
- Brushless (EC) motor for 30% more efficiency (compared to conventional DC motors) and an extremely long service life
- New ergonomic design and lower weight for even more comfortable working
- Quicker speeds and screwdriving stages allow for a reduction in manufacturing times and improved quality

	Order number	Torque hard/soft as per ISO 5393 (Nm)	Speed (idle)
ANGLE EXACT ION 3-500 	0 602 494 608	0,7 – 3	50 – 520*
ANGLE EXACT ION 8-1100 	0 602 494 600	2 – 8	110 – 1.100*
ANGLE EXACT ION 15-500 	0 602 494 601	2 – 15	50 – 520*
	0 602 494 60A	2 – 15	50 – 520*
ANGLE EXACT ION 23-380 	0 602 494 602	10 – 23	38 – 380*
ANGLE EXACT ION 30-290 	0 602 494 607	10 – 30	29 – 290*
	0 602 494 60B	10 – 30	29 – 290*
ANGLE EXACT ION 30-300 	0 602 494 603	10 – 30	30 – 300*
ANGLE EXACT ION 40-220 	0 602 494 604	15 – 40	22 – 220*
ANGLE EXACT ION 50-210 	0 602 494 605	15 – 50	21 – 180*
ANGLE EXACT ION 60-120 	0 602 494 606	15 – 60	12 – 120*

* Below 50% speed, there may be less power

Tool holder	Battery specifications (V)	Direction of rotation	Weight as per EPTA (kg)	Accessories included in scope of delivery
Flange for angled head**	18 V/2.0 Ah ***	R/L	1.7 (incl. battery and angled head)	Light-green colour ring
Flange for angled head**	18 V/2.0 Ah ***	R/L	1.7 (incl. battery and angled head)	Light blue colour ring
Flange for angled head**	18 V/2.0 Ah ***	R/L	1.7 (incl. battery and angled head)	Light-green colour ring
3/8" square (sq.)	18 V/2.0 Ah ***	R/L	1.7 (incl. battery and angled head)	Light-green colour ring Angled screw head 3/8"
Flange for angled head**	18 V/4.0 Ah ***	R/L	2.2 (incl. battery and angled head)	White colour ring
Flange for angled head**	18 V/4.0 Ah ***	R/L	2.2 (incl. battery and angled head)	Grey colour ring
3/8" square (sq.)	18 V/4.0 Ah ***	R/L	2.2 (incl. battery and angled head)	Grey colour ring Angled screw head 3/8"
3/8" square (sq.)	18 V/4.0 Ah ***	R/L	2.4 (incl. battery and angled head)	Light-grey colour ring Angled screw head 3/8"
3/8" square (sq.)	18 V/4.0 Ah ***	R/L	2.4 (incl. battery and angled head)	Orange colour ring Angled screw head 3/8"
3/8" square (sq.)	18 V/4.0 Ah ***	R/L	2.4 (incl. battery and angled head)	Red colour ring Angled screw head 3/8"
3/8" square (sq.)	18 V/4.0 Ah ***	R/L	2.4 (incl. battery and angled head)	Black colour ring Angled screw head 3/8"







** Angled head not included in scope of delivery

*** Battery not included in scope of delivery






ANGLED HEADS FOR EXACT AND ANGLE EXACT


		Order number	Max. torque (Nm)	Drive end	Weight (kg)	Quantity	
Angled heads 12 V Gear ratio 1.8:1		0 602 496 020	15	3/8" square	0.18	1	
		0 602 496 021	15	1/4" quick-change chuck	0.18	1	
Adapter 12 V ANGLE EXACT 12V-12-400 for use with the straight head and the 18V angled heads		0 602 496 022		Flange for straight head and 18V angled heads	0.1	1	
Straight head		0 607 453 631	6	1/4" quick-change chuck	0.2	1	
Angled heads 18V Gear ratio 1.4:1		0 607 453 617	27	1/4" square	0.2	1	
		0 607 453 618	27	1/4" internal hex.	0.2	1	
		0 607 453 620	27	3/8" square	0.2	1	
		0 607 453 630	27	1/4" quick-change chuck	0.2	1	
HD angled head Gear ratio 1.4:1		0 607 451 618	35	3/8" square	0.22	1	
Protective cap For angled heads	suitable for angled heads 18V 0607453617, ...618, ...620 and ...630	3 605 500 171	-	-	-	1	
	suitable for HD angled head 0607451618	3 605 500 175	-	-	-	1	
	suitable for angled head 12V 0602496020 and ...021	0 602 496 015				5	
	Protective cap for large angle head Prevents damage to the workpiece	suitable for ANGLE EXACT ION 30-300, 40-220, 50-210, 60-120	3 609 202 A29	-	-	-	1

EXACT 12V AND ANGLE EXACT 12V ACCESSORIES

EXACT 12V and ANGLE EXACT 12V accessories		Order number	Quantity	
Coloured covers				
For quick identification of the torque range, with an extra-large adhesive surface Suitable for all EXACT 12V and ANGLE EXACT 12V devices		Black	0 602 497 008	5
		Blue	0 602 497 004	5
		Red	0 602 497 005	5
		Green	0 602 497 006	5
		Yellow	0 602 497 007	5
RFID attachment				
Black cover with NFC chip for wireless identification of the screwdriver. Suitable for all EXACT 12V and ANGLE EXACT 12V devices Only available as a pack of 5		Black (Chip: NXP NTAG 216 – 924 Byte)	0 602 496 011	5

EXACT 12V accessories		Order number	Quantity	
Protectors				
Prevent damage to the workpiece Suitable for all EXACT 12V centre-grip screwdrivers Not a cover for the motor ventilation openings Only available as a pack of 5		Clear	0 602 496 000	5
		Blue	0 602 496 001	5
		Red	0 602 496 002	5
		Green	0 602 496 003	5
		Yellow	0 602 496 004	5

ANGLE EXACT 12V accessories		Order number	Quantity	
Protectors				
Prevent damage to the workpiece Suitable for all ANGLE EXACT 12V angled screwdrivers Not a cover for the motor ventilation openings Only available as a pack of 5		Clear	0 602 496 005	5
		Blue	0 602 496 006	5
		Red	0 602 496 007	5
		Green	0 602 496 008	5
		Yellow	0 602 496 009	5

Battery pack accessories		Order number	Quantity	
Battery pack protectors				
Prevent damage to the battery Only available as a pack of 5		Clear For the GBA 12V 6.0 Ah	0 602 496 010	5

EXACT ION AND ANGLE EXACT ION 18V ACCESSORIES

EXACT ION 18 V accessories		Order number	Quantity	
Colour rings				
For quick identification of the torque range Suitable for all EXACT ION centre-grip screwdrivers		Black	3 600 106 010	5
		Red	3 600 106 011	5
		Light-blue	3 600 106 012	5
		Light-green	3 600 106 013	5
		Orange	3 600 106 014	5
		Grey	3 600 106 017	5
		White	3 600 106 019	5
Protectors				
Prevent damage to the workpiece Suitable for all EXACT ION centre-grip screwdrivers Not a cover for the motor ventilation openings Only available as a pack of 10		Transparent	0 602 494 016	10
		Red	0 602 494 018	10
		Blue	0 602 494 017	10
		Yellow	0 602 494 032	10
		Green	0 602 494 019	10
ANGLE EXACT ION 18V accessories		Order number	Quantity	
Colour rings				
For quick identification of the torque range Suitable for all ANGLE EXACT ION angle nutrunners		Black	3 600 106 027	5
		Red	3 600 106 028	5
		Light-blue	3 600 106 029	5
		Light-green	3 600 106 030	5
		Orange	3 600 106 031	5
		Grey	3 600 106 032	5
		White	3 600 106 033	5
Protectors				
Prevent damage to the workpiece Suitable for all ANGLE EXACT angled screwdrivers Not a cover for the motor ventilation openings Only available as a pack of 10		Transparent	0 602 494 010	10
		Red	0 602 494 012	10
		Blue	0 602 494 011	10
		Yellow	0 602 494 033	10
		Green	0 602 494 013	10
18V Battery pack accessories				
Battery pack protectors				
Prevent damage to the battery Suitable for 18-volt lithium-ion battery packs Only available as multipack		Transparent – for the ProCORE18V 4.0 Ah battery pack	0 602 494 038	10
		Transparent – for the Compact battery pack 2.0 Ah	0 602 494 014	10
		Transparent – for the Premium battery pack 4.0 Ah	0 602 494 015	10
		Transparent - 2.0Ah Battery protector 18V pack.	1 607 000 GS4	5

ACCESSORIES FOR ALL EXACT AND ANGLE EXACT DEVICES

Accessories for all EXACT and ANGLE EXACT devices		Order number	Quantity
Torque adjustment tool For adjusting the clutch		3 607 950 027	1
Protective cap For all 1/4" quick-change chucks Prevents damage to the workpiece		3 605 500 210	5
Housing Extension ANGLE EXACT For ANGLE EXACT 50-210, 60-120 In addition, threaded ring 3603344062 needed		0 607 452 608	1
Housing Extension ANGLE EXACT For ANGLE EXACT 30-300, 40-220 In addition, threaded ring 3603344062 needed		0 607 452 609	1
Hanging hook for EXACT 18V Suspension loop		3 601 923 024	1
Hanging hook for ANGLE EXACT 18V Suspension loop		3 601 923 017	1

INDUSTRIAL

The Key for Uninterrupted Assembly Line

Efficiency starts with Durability, Ergonomics and Consistency - the backbone of seamless operations. Bosch Industrial Tools ensure reliability across industries with precision-engineered solutions.





BOSCH INDUSTRIAL SMART SOLUTION



ISR 18V Industrial Screwdriver



Ergonomic Industrial Design

Extreme compactness with optimized handle design made for industrial assembly lines.



Built to Last. Ready for Industry.

5X longer runtime, 20X higher durability. Tightening indicator & buzzer for boosted efficiency.



Precision Power for Faster Output

5X more screws, ±15% torque accuracy, 2X higher consistency with auto shut-off.



NFC connected

Cost effective smart solution offering tool authorization, process control optimization, service reminder and more.



IDS/IDR 18V Industrial Impact Wrench/Driver



Designed for Comfort and Precision

The slim handle and compact drivetrain design minimizes operational fatigue while providing exceptional handling flexibility.



Built for Industrial Toughness

2–5 times the lifecycles of conventional products.



Boosted Manufacturing Efficiency

±15% torque consistency with automatic shut-off. Power stays steady even at half battery.



NFC connected

Provides application and tightening counts, service reminders, and HMI lock.

IDR18V-125T/IDS18V-125T INDUSTRIAL

PRODUCT HIGHLIGHTS

High tightening quality

- Torque presetting and auto shutoff to prevent under or over-tightening
- High output torque consistency

Durability

Improved gearbox design and enhanced switch specifically designed for heavy load industrial application use

NFC connectivity

- Tool lock and setting
- Usage data
- Maintenance reminder

PRECISION AUTO SHUTOFF

9 levels customized output torque
IDR 18V 125 T - 1/4" Hex head

IDS 18V 125 T

3/8" square head w/o pin hole

PRECISION AUTO SHUTOFF

+/-15% consistency to every bolt*

SUPER ENDURABLE HALL SENSOR SWITCH

Maximize switch cycle reaching 2~5 longer lifecycle compared to conventional product

OUTPUT TORQUE CONSISTENCY

Maintains the same level of output torque even when the battery is drained halfway (compared to existing conventional tools the experience a significant reduction in work rate)



TIGHTENING INDICATION LIGHT & BUZZER



Indicates if the output torque is correct or not

ROBUST GEARBOX

Industrial level robustness with 2~5 longer lifecycle compared to conventional product

INDUSTRIAL ERGONOMICS

Extreme compactness (IDR 128mm / IDS 135mm) offering high flexibility Optimized handle size & light weight made for industrial assembly

NFC CONNECTED

Affordable connectivity offering Application and tightening assessment count/ service reminder /HMI Lock

Scan for
NFC HOW TO VIDEO



Technical Data	IDR18V-125T	IDS18V-125T
Voltage	18 V	18 V
Anvil Type	1/4" Hex chuck	3/8" Friction ring w/o pin hole
Auto Shut Off Torque	5-70Nm	5-70Nm
Auto Shut Off Bolt Size	M5~M10	M5~M10
Max Torque (fwd)	180Nm	180Nm
Max Unbolting Torque (rev)	240Nm	240Nm
Max Bolt Size	M12	M12
No Load Speed	0 - 3,100 RPM	0 - 3,100 RPM
Impact Rate	0 - 3,800 BPM	0 - 3,800 BPM
Weight (w/o batt)	1.1kg	1.1kg
SKU	0 601 9P8 100	0 601 9P8 000

*refer to Bosch internal measurement standard

CORDLESS IMPACTORS



IDS18V-200T INDUSTRIAL

Industrial-strength impact wrench with consistent, pre-selectable output torque

PRODUCT HIGHLIGHTS

High tightening quality

- Torque presetting and auto shutoff to prevent under or over-tightening
- High output torque consistency

Durability

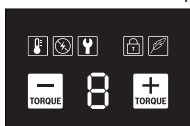
Improved gearbox design and enhanced switch specifically designed for heavy load industrial application use

NFC connectivity

- Tool lock and setting
- Usage data
- Maintenance reminder

PRESET OUTPUT TORQUE

9 customized output torque



PRECISION AUTO SHUTOFF

+/-15% refers to Bosch internal measurements, consistency to every bolt

SUPER ENDURABLE HALL SENSOR SWITCH

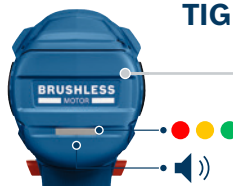
Maximizes switch cycle to achieve a 2-5 times longer lifecycle compared to conventional tools

OUTPUT TORQUE CONSISTENCY

Maintains the same level of output torque even when the battery is drained halfway (compared to existing conventional tools that experience a significant reduction in work rate)

TIGHTENING INDICATION LIGHT & BUZZER

Indicate if the output torque is correct or not



ROBUST GEARBOX

Industrial level robustness with a 2-5 times longer lifecycle compared to conventional products

INDUSTRIAL ERGONOMICS

Extreme compactness (155mm) offering high flexibility and optimized handle size & light weight, made for industrial assembly

NFC CONNECTED

Affordable connectivity offering application and tightening assessment count/service reminder/HMI Lock



Scan for Calibration HOW TO VIDEO



IDS 18V-200 T Industrial	Unit	Specifications
Voltage	V	18
Anvil type	—	1/2" Friction ring plus pin hole
Auto shutoff torque	Nm	30-140
Auto shutoff bolt size	—	M8-M14
Max. torque (fwd)	Nm	300
Max. untightening torque (rev)	Nm	450
Max. bolt size	—	M18
No-load speed	rpm	0-2,500
Impact rate	bpm	0-3,500
Weight w/o battery	kg	1.2
SKU		0 601 9N0 020





PRODUCT HIGHLIGHTS

High tightening quality

- Torque presetting and auto shutoff to prevent under or over-tightening
- High output torque consistency

Durability

Improved gearbox design and enhanced switch specifically designed for heavy load industrial application use

NFC connectivity

- Tool lock and setting
- Usage data
- Maintenance reminder

PRESET OUTPUT TORQUE

9 levels customized output torque 1/2" square head w/o pin hole

PRECISION AUTO SHUTOFF

+/-15% refers to Bosch internal measurements, consistency to every bolt

SUPER ENDURABLE HALL SENSOR SWITCH

Maximize switch cycle reaching 2~5 longer lifecycle compared to conventional product

OUTPUT TORQUE CONSISTENCY

Maintains the same level of output torque even when the battery is drained halfway (compared to existing conventional tools the experience a significant reduction in work rate)



TIGHTENING INDICATION LIGHT & BUZZER



Indicates if the output torque is correct or not

ROBUST GEARBOX

Industrial level robustness with 2~5 longer lifecycle compared to conventional product

INDUSTRIAL ERGONOMICS

Extreme compactness (172mm) offering high flexibility. Optimized handle size & light weight made for industrial assembly

NFC CONNECTED

Affordable connectivity offering Application and tightening assessment count/ service reminder /HMI Lock

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NFC HOW TO VIDEO



Technical Data	IDS18V-650T
Voltage	18 V
Anvil Type	1/2 Friction ring w/o pin hole
Auto Shut Off Torque	100-450Nm
Auto Shut Off Bolt Size	M14-M20
Max Torque (fwd)	750Nm
Max. Untightening Toque (rev)	975Nm
Max Bolt Size	M24
No Load Speed	0 - 2,000 RPM
Impact Rate	0 - 2,800 BPM
Weight (w/o batt)	1,8kg
SKU	0 601 9P7 000

3

CORDLESS SCREWDRIVERS



ISR18V-30P/ PHX INDUSTRIAL

Consistent, reliable & affordable 18V smart solution made for industrial assembly lines

PRODUCT HIGHLIGHTS

Extreme durability for industrial use

Extended lifetime for optimal operation without part failure, industrial grade clutch endurance & switch cycles boosting screw counts

Outstanding performance consistency

Precision clutch with auto-shutoff, in combination with special engineered gearbox enabling 2X* higher speed output consistency and torque accuracy

Ergonomic industrial design

Slim handle, light weight & short head length to minimize operation fatigue and maximize application flexibility

IMPROVED CHUCK (ISR18V-30P)



Elimination of chuck loosening with significant reduced wear and tear & 5X more screw application Tested against Bosch predecessor models, and according to Bosch internal testing standard.

UNIVERSAL BIT HOLDER (ISR18V-30PHX)

Fast and reliable exchange of screw bits with 1/4" hex head

PRECISION CLUTCH

Zero overriding once a set torque level is reached and therefore, reduces the wear and tear of the clutch and the resulting noise

SUSPENSION HOOK

Help to reduce fatigue & prevent operator from grabbing the wrong tool

HALL SENSOR SWITCH

Maximize switch cycle with industrial endurance

OPTIMIZED SPEED

Reduce loose and over-torqued screws through speed specifically designed for industrial assembly line

NFC CONNECTED

Affordable connectivity offering digitalization on tool identification/inventory management/service reminder



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NFC HOW TO VIDEO



INDUSTRIAL ERGONOMIC

Extreme compactness (120/142 mm) offering high flexibility plus optimized handle size & light weight made for industrial assembly

Technical Data	Unit	ISR18V-30P Industrial	ISR18V-30PHX Industrial
Voltage	V	18	18
Head length	mm	142	120
No-load speed	rpm	0-1,400	0-1,400
Max. torque (hard / soft)	Nm	30/9	30/9
Clutch torque range	Nm	1.6-7.6	1.6-7.6
Clutch setting	Steps	20	20
Holder / Material	—	Chuck / Plastic	Universal bit holder
Weight w/o battery	kg	0.9	0.8
SKU		06019M7020	06019M7120

*Tested according to Bosch internal standard

ISR18V-50E INDUSTRIAL

Consistent, reliable & affordable 18V smart solution made for industrial assembly lines

PRODUCT HIGHLIGHTS

SMART TORQUE CONTROL

Electronic clutch with torque configuration, HMI display, and tightening indicator for accuracy and process reliability.

CONSISTENT PERFORMANCE FOR HIGH-FREQUENCY TASKS

2X* higher screw count per battery and 2X* higher torque accuracy with Bosch engineered electronic clutch, ensuring reliable results shift after shift.

ERGONOMIC DESIGNED FOR ALL-DAY COMFORT

With its lightweight build, optimized handle design, and suspension hook, this industrial screwdriver reduces fatigue and prevents tool mix-ups in demanding assembly line environments.

EASE TO USE

Suspension hook help to reduce fatigue & prevent operator from grabbing the wrong tool. Universal bit holder with extended length offering fast and reliable exchange of screw bits with 1/4" hex head

E-CLUTCH WITH PRECISION AUTO-SHUTOFF

Durability: Minimum wear & tear with electronic clutching system leading to 5X longer lifetime. Hall sensor maximizing switch cycle reaching 1M presses

Ease of Use: One hand torque setting adjustment with HMI. No more hassle with mechanical clutch ring toggling through all the settings

Consistency: Stable torque output with +/-15% consistency

SMART SOLUTION

Cost effective NFC smart solution offering tool authorization, process control optimization & inventory management/service reminder



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NFC HOW TO VIDEO



ADVANCED HMI WITH JOB INDICATOR



Large HMI for convenient calibration with both tightening & buzzer indication

Switchable Torque Adjustment Lock & KBC

Integrated into the header providing most straightforward reading, alarming & single-hand operation

CONFIGURABLE TORQUE LEVELS (12 STEPS + H MODE+ 3 CUSTOMIZE MODE)

Torque level can be configured & further finetuned up to 45 steps to meet specific tightening demand via the APP

Frequent used torque levels can be set as default settings

INDUSTRIAL ERGONOMIC

Optimized handle design & light weight made for high pace industrial assembly lines

*All performance index vs. Bosch EXPERT drill drivers. All claims based off Bosch internal testing

Technical Data	Unit	ISR18V-50E Industrial
Voltage	V	18
Head length	mm	159
No-load speed	rpm	0-1,700
Max. torque (hard / soft)	Nm	51/7.8
Clutch torque range	Nm	7.8 – 45.4
Clutch setting	Steps	12 Steps + H mode + 3 C modes*
Holder / Material	–	Universal Bit Holder
Weight w/o battery	kg	1
SKU		06019R4120

*H=Highest speed drill mode; C=Custom torque level



4

SMART SOLUTION



ISN-24 G INDUSTRIAL SMART CONTROLLER

Optimize your tightening control with Smart Solution for Industrial Assembly Line

PRODUCT HIGHLIGHTS

Improve tightening quality

- Control tightening job and prevent tool misuse
- Detect tightening job error and on-the-spot alert

Affordable for scaling

- Able to use standalone or connect to production management system
- Cost-effective for both entry-level and advanced production digitalization need.

Simple to use

- Flexible components for easy installation.
- Intuitive software for configuration.

FLEXIBLE AND STEADY TOOL HOLDER

Tool holder designed for flexibility with ergonomic consideration

Different tool holder formats designed to match with Bosch Industrial tools

PROCESS CONTROL AND MONITORING

- Configure tightening job and your tool (number of screws per job cycle, job duration, torque level etc.) for process control
- Identify right tools on the right workstations
- Light and sound indicator for job error



STABLE AND SECURE DATA TRANSMISSION

- Data transmission between tool and controller via secure NFC connection
- Wi-Fi/ LAN connection to Bosch Management Hub software
- Open Protocol for MES integration





CONNECTION WITH EXTERNAL DEVICES

- I/O (24V DC) and RS-485 interfaces allows connection with external devices, such as, monitor, stack light, button etc.

Technical Data	ISN-24 G
Size (Length x Width x Height)	Main console: 169 x 86 x 43 mm
	NFC reader: 92 x 68 x 16 mm
Weight	Main console: 0.22 kg
	NFC reader: 0.07 kg
ESD protection	8KV contact discharge; 14KV air discharge
IP rating	IP3X
Device grade	Industrial
Communication	• RJ45 Ethernet Port (10/100 Mbps)
	• Wi-Fi -2.4GHz; IEEE 802.11 b/g/n; WPA2-PSK
	• NFC- 13.56MHz, ISO/IEC 14443 & ISO/IEC 15693 Compatible
I/O port	24V DC; 4x Input ports; 6x Output ports; 2 GND
Temperature	Operating Temperature -20 ~ 50 °C
	Storage Temperature -20 ~ 70°C
Operating Humidity	10 ~ 95% RH
Power Supply	24V DC, 2A (max.)
SKU	1600A039KL

EXACT NFC 18V

ISN-24 G Industrial Smart Controller supports all Industrial tools and the below EXACT range models. These tools are equipped with NFC chips, enabling seamless data transmission with the controller.

	Order number	Torque hard/soft as per ISO 5393 (Nm)*	Speed (idle)*
ANGLE EXACT NFC 15-500 	0 602 494 B01	2 - 15	50 - 520 *
ANGLE EXACT NFC 30-300 	0 602 494 B03	10 - 30	30 - 300 *
EXACT NFC 6-1500 	0 602 494 A02	1,5 - 6	150 - 1,500 *
EXACT NFC 12-700 	0 602 494 A04	2 - 12	70 - 700 *

** Below 50% speed, there may be less power

ACCESSORIES

Accessory Name		Order Number	Compatible industrial tools *
Industrial Tool Holder A		1600A039R2	ANGLE EXACT NFC 15-500
			ANGLE EXACT NFC 30-300
Industrial Tool Holder P		1600A039R1	EXACT NFC 6-1500
			EXACT NFC 12-700
Industrial Tool Holder C		1600A039PY	ISR 18V-30 P
			ISR 18V-30 PHX
			IDS 18V-200 T
			IDS 18V-125 T
			IDR 18V-125 T
			ISR 18V-50 E

* For other Bosch Industrial tools that are not listed, please contact PT_Industrial_Support@bosch.com

SOFTWARE

Software Name	Description	Order number
Management Hub - software license	Bosch Industrial tightening management platform that monitors, visualizes, analyzes and transfers tightening results to production management system for enabling robust process control.	1600A03JA2

Tool holder	Battery specifications (V)	Direction of rotation	Weight as per EPTA (kg)	Accessories included in scope of delivery
Flange for angled head ***	18 V/2.0 Ah **	R/L	1.7 (incl. battery and angled head)	Light-green colour ring
3/8" square (sq.)	18 V/4.0 Ah **	R/L	2.4 (incl. battery and angled head)	Light-grey colour ring Angled screw head 3/8
1/4" quick-change chuck	18 V/2.0 Ah **	R/L	1.3 (incl. battery)	Black colour ring
1/4" quick-change chuck	18 V/2.0 Ah **	R/L	1.3 (incl. battery)	Red colour ring

*** Angled head not included in scope of delivery

** Battery not included in scope of delivery

SMART SOLUTION PACKAGES


Tailored solutions for your tightening traceability & digitalization needs


	Features	Smart Core	Smart Elite
Tightening job monitoring	Torque OK/NOK recording	Y	Y
	Missing screw detection	Y	Y
	Job timeout alert	Y	Y
	Operation log	Y	Y
	Tightening result visualization	Y (LED light, buzzer)	Y (LED light, buzzer, on-screen status display)
Tool management	Tool setting (torque level, joint mode, HMI lock, lock tool after job completed)	Y	Y
	Calibration and maintenance monitoring	/	Y
Data analytics and visualization	Dashboard	/	Y
	Data export (XLS/ CSV/PNG API)	/	Y
Line integration	PLC	Y	Y
	MES (Open Protocol, REST API)	/	Y
Connection with external devices	Stack light, button, RS485 LED monitor, barcode scanner	Y	Y


Compatible with Bosch Industrial tools and selected EXACT NFC models.


ACCESSORIES

PRO Impact Screwdriving


PRO Impact PH Screwdriver Bit	Description	Order number	Pack quantity
	PH1, 25 mm, 2 pcs	2 608 522 468	2
	PH2, 25 mm, 2 pcs	2 608 522 403	2
	PH3, 25 mm, 2 pcs	2 608 522 469	2
	PH1; PH2; PH3, 25 mm, 3 pcs	2 608 522 470	3
	PH2, 25 mm, 8 pcs, with Pick and Click Index	2 608 522 324	8
	PH2, 25 mm, 25 pcs, with Display	2 607 002 803	25
	PH1, 55 mm, 2 pcs	2 608 522 519	2
	PH2, 55 mm, 2 pcs	2 608 522 520	2
	PH3, 55 mm, 2 pcs	2 608 522 521	2
	PH1; PH2; PH3, 55 mm, 3 pcs	2 608 522 491	3
	PH2, 55 mm, 5 pcs	2 608 522 522	5
	PH2, 55 mm, 8 pcs, with Pick and Click Index	2 608 522 330	8
	PH2, 55 mm, 15 pcs, with Display	2 608 522 523	15
	PH2, 90 mm	2 608 522 524	1
	PH2, 150 mm	2 608 522 525	1

PRO Impact PZ Screwdriver Bit	Description	Order number	Pack quantity
	PZ1, 25 mm, 2 pcs	2 608 522 400	2
	PZ2, 25 mm, 2 pcs	2 608 522 401	2
	PZ3, 25 mm, 2 pcs	2 608 522 402	2
	PZ1; PZ2; PZ3, 25 mm, 3 pcs	2 608 522 471	3
	PZ2, 25 mm, 8 pcs, with Pick and Click Index	2 608 522 325	8
	PZ2, 25 mm, 25 pcs, with Display	2 607 002 804	25
	PZ1, 55 mm, 2 pcs	2 608 522 543	2
	PZ2, 55 mm, 2 pcs	2 608 522 544	2
	PZ3, 55 mm, 2 pcs	2 608 522 545	2
	PZ1; PZ2; PZ3, 55 mm, 3 pcs	2 608 521 U57	3
	PZ2, 55 mm, 8 pcs, with Pick and Click Index	2 608 522 331	8
	PZ2, 55 mm, 15 pcs, with Display	2 608 522 546	15
	PZ2, 90 mm	2 608 522 547	1
	PZ2, 150 mm	2 608 522 548	1


PRO Impact T Screwdriver Bit	Description	Order number	Pack quantity
	T10, 25 mm, 2 pcs	2 608 522 472	2
	T15, 25 mm, 2 pcs	2 608 522 473	2
	T20, 25 mm, 2 pcs	2 608 522 474	2
	T25, 25 mm, 2 pcs	2 608 522 475	2
	T27, 25 mm, 2 pcs	2 608 522 476	2
	T30, 25 mm, 2 pcs	2 608 522 477	2
	T40, 25 mm, 2 pcs	2 608 522 478	2
	T20; T25; T30, 25 mm, 3 pcs	2 608 522 479	3
	T20, 25 mm, 8 pcs, with Pick and Click Index	2 608 522 380	8
	T25, 25 mm, 8 pcs, with Pick and Click Index	2 608 522 381	8
	T30, 25 mm, 8 pcs, with Pick and Click Index	2 608 522 382	8
	T15; T20(x2); T25(x2); T30(x2); T40, 25 mm, 8 pcs, with Pick and Click Index	2 608 522 322	8
	T20, 25 mm, 25 pcs, with Display	2 607 002 805	25
	T25, 25 mm, 25 pcs, with Display	2 607 002 806	25

PRO Impact T Screwdriver Bit	Description	Order number	Pack quantity
	T30, 25 mm, 25 pcs, with Display	2 607 002 807	25
	T10, 55 mm, 2 pcs	2 608 522 528	2
	T15, 55 mm, 2 pcs	2 608 522 529	2
	T20, 55 mm, 2 pcs	2 608 522 530	2
	T25, 55 mm, 2 pcs	2 608 522 531	2
	T30, 55 mm, 2 pcs	2 608 522 532	2
	T40, 55 mm, 2 pcs	2 608 522 533	2
	T10; T15; T20, 55 mm, 3 pcs	2 608 521 U54	3
	T25; T30; T40, 55 mm, 3 pcs	2 608 521 U55	3
	T15; T20(x2); T25(x2); T30(x2); T40, 55 mm, 8 pcs, with Pick and Click Index	2 608 522 329	8
	T25, 55 mm, 15 pcs, with Display	2 608 522 534	15
	T20, 90 mm	2 608 522 535	1
	T25, 90 mm	2 608 522 536	1
	T30, 90 mm	2 608 522 537	1
	T20, 150 mm	2 608 522 538	1
	T25, 150 mm	2 608 522 539	1

PRO Impact TR Screwdriver Bit	Description	Order number	Pack quantity
	T10H; T15H; T20H; T25H(x2); T27H; T30H; T40H, 25 mm, 8 pcs, with Pick and Click Index	2 608 521 U5	8

PRO Impact H Screwdriver Bit	Description	Order number	Pack quantity
	H5, 25 mm, 2 pcs	2 608 522 556	2
	H3; H4; H5(x2); H6, 25 mm, 5 pcs	2 608 521 U59	5
	H5, 55 mm, 2 pcs	2 608 522 557	2


PRO Impact SL Screwdriver Bit	Description	Order number	Pack quantity
	SL4.5; SL5.5(x2); SL5.5; SL6.5, 25 mm, 5 pcs	2 608 521 U60	5


PRO Impact R Screwdriver Bit	Description	Order number	Pack quantity
	R1, 55 mm, 2 pcs	2 608 522 550	2
	R2, 55 mm, 2 pcs	2 608 522 551	2
	R3, 55 mm, 2 pcs	2 608 522 552	2
	R2, 55 mm, 5 pcs	2 608 522 553	5
	R1(x2); R2(x4); R3 (x2); 55 mm, 8 pcs, with Pick and Click Index	2 608 521 U58	8
	R2, 90 mm	2 608 522 554	1
	R2, 150 mm	2 608 522 555	1


PRO Impact P2R2 Screwdriver Bits	Description	Order number	Pack quantity
	P2R2, 55 mm, 5 pcs	2 608 522 527	5


ACCESSORIES

PRO Impact Screwdriving

Hooks and Covers	Description	Order number	Pack quantity
	IDS/IDR Suspension Hook (125T/ 200T)	2 604 720 004	1
	IDS Suspension Hook (650T)	3 604 720 004	1
	ISR 18V Suspension Hook	1 600 A03 0KN	1
	ISR 18V Screwdriver Clutch Cover	1 600 A03 9ME	5


PRO Impact Screwdriver Bit Set	Description	Order number	Pack quantity
	PH1; PH2; PZ1; PZ2; T15; T20; T25; T30, 25 mm, 8 pcs, with Pick and Click Index	2 608 521 U61	8
	PH1; PH2(x2); PH3; PZ1; PZ2(x2); PZ3, 25 mm, 8 pcs, with Pick and Click Index	2 608 522 323	8
	PH2(x2); PZ2(x2); H5; T20; T25; T30, 25 mm, 8 pcs, with Pick and Click Index	2 608 521 U62	8
	PH2(x5); PZ2(x5); T20(x5); T25(x5); T30(x5), 25 mm, 25 pcs, with Display	2 608 521 U63	25
	PH1; PH2(x2); PH3; PZ1; PZ2(x2); PZ3, 55 mm, 8 pcs, with Pick and Click Index	2 608 522 328	8

PRO Impact PH2 Double-Ended Bit	Description	Order number	Pack quantity
	PH2, 65 mm	2 608 522 526	1
	PZ2, 65 mm	2 608 522 549	1
	T20, 65 mm	2 608 522 540	1
	T25, 65 mm	2 608 522 541	1
	T30, 65 mm	2 608 522 542	1
	PH2, 65 mm, 8 pcs, with Pick and Click Index	2 608 522 337	8
	PZ2, 65 mm, 8 pcs, with Pick and Click Index	2 608 522 338	8
	T20, 65 mm, 8 pcs, with Pick and Click Index	2 608 522 339	8
	T25, 65 mm, 8 pcs, with Pick and Click Index	2 608 522 340	8

PRO Impact Long-Groove Double-Ended Bit	Description	Order number	Pack quantity
	PH2, 65 mm, 2 pcs	2 608 522 408	2
	PH2, 65 mm, 10 pcs	2 608 522 405	10
	PH2, 110 mm, 2 pcs	2 608 522 409	2
	PH2, 110 mm, 10 pcs	2 608 522 406	10
	PH2, 150 mm, 2 pcs	2 608 522 410	2
	PH2, 150 mm, 5 pcs	2 608 522 407	5


PRO Impact R Screwdriver Bit	Description	Order number	Pack quantity
	R1, 55 mm, 2 pcs	2 608 522 550	2
	R2, 55 mm, 2 pcs	2 608 522 551	2
	R3, 55 mm, 2 pcs	2 608 522 552	2
	R2, 55 mm, 5 pcs	2 608 522 553	5
	R1(x2); R2(x4); R3 (x2); 55 mm, 8 pcs, with Pick and Click Index	2 608 521 U58	8
	R2, 90 mm	2 608 522 554	1
	R2, 150 mm	2 608 522 555	1

PRO Impact Socket



Description	Order number	Drive Size	Diameter [mm]	Lenght [mm]	Quantity
PRO Impact Socket 1/2" 10 MM Standard	2 608 003 043	1/2"	10	38	1
PRO Impact Socket 1/2" 10 MM Deep	2 608 003 044	1/2"	10	77	1
PRO Impact Socket 1/2" 11 MM Deep	2 608 003 045	1/2"	11	77	1
PRO Impact Socket 1/2" 13 MM Standard	2 608 003 046	1/2"	13	38	1
PRO Impact Socket 1/2" 13 MM Deep	2 608 003 047	1/2"	13	77	1
PRO Impact Socket 1/2" 17 MM Standard	2 608 003 048	1/2"	17	38	1
PRO Impact Socket 1/2" 17 MM Deep	2 608 003 049	1/2"	17	77	1
PRO Impact Socket 1/2" 19 MM Standard	2 608 003 050	1/2"	19	38	1
PRO Impact Socket 1/2" 19 MM Deep	2 608 003 051	1/2"	19	77	1
PRO Impact Socket 1/2" 21 MM Deep	2 608 003 052	1/2"	21	77	1
PRO Impact Socket 1/2" 22 MM Deep	2 608 003 053	1/2"	22	77	1
PRO Impact Docket 1/2" 24 MM Standard	2 608 003 054	1/2"	24	40	1
PRO Impact Socket 1/2" 24 MM Deep	2 608 003 055	1/2"	24	77	1
PRO Impact Socket 1/2" 27 MM Standard	2 608 003 056	1/2"	27	42	1
PRO Impact Socket 1/2" 30 MM Standard	2 608 003 057	1/2"	30	43	1
PRO Impact Socket 3/4" 19 MM Standard	2 608 003 058	3/4"	19	51	1
PRO Impact Socket 3/4" 22 MM Standard	2 608 003 059	3/4"	22	51	1
PRO Impact Socket 3/4" 24 MM Standard	2 608 003 060	3/4"	24	51	1
PRO Impact Socket 3/4" 27 MM Standard	2 608 003 061	3/4"	27	54	1
PRO Impact Socket 3/4" 30 MM Standard	2 608 003 062	3/4"	30	54	1
PRO Impact Socket 3/4" 32 MM Standard	2 608 003 063	3/4"	32	57	1

PRO Impact Sockets Set



Description	Order number	Drive Size	Diameter [mm]	Lenght [mm]	Quantity
PRO Impact Sockets 1/2" Standard 7-PC Set	2 608 003 032	1/2"	13, 17, 19, 21, 24	38-40	7
PRO Impact Sockets 1/2" Extra Deep 3-PC Set	2 608 003 033	1/2"	17, 19, 21	86	3
PRO Impact Sockets 1/4" Standard 9-PC Set	2 608 003 034	1/4"	6, 7, 8, 9, 10, 11, 12, 13, 14	25	9
PRO Impact Sockets 1/4" Deep 9-PC Set	2 608 003 035	1/4"	6, 7, 8, 9, 10, 11, 12, 13, 14	50	9
PRO Impact Sockets 3/8" Standard 9-PC Set	2 608 003 036	3/8"	7, 8, 10, 12, 13, 15, 16, 17, 19	28-30	9
PRO Impact Sockets 3/8" Deep 9-PC Set	2 608 003 037	3/8"	7, 8, 10, 12, 13, 15, 16, 17, 19	60-63	9
PRO Impact Sockets 1/2" Standard 9-PC Set	2 608 003 038	1/2"	10, 11, 13, 17, 19, 21, 22, 24, 27	38-42	9
PRO Impact Sockets 1/2" Deep 9-PC Set	2 608 003 039	1/2"	10, 12, 13, 14, 15, 16, 17, 18, 19	77	9
PRO Impact Sockets 1/2" Deep 9-PC Set	2 608 003 040	1/2"	10, 11, 13, 17, 19, 21, 22, 24, 27	77	9
PRO Impact Sockets 3/4" Standard 9-PC Set	2 608 003 041	3/4"	17, 19, 21, 22, 23, 24, 27, 30, 32	51-57	9

6

CORDLESS SANDER & POLISHER



GSS12V-32 / GEX12V-32 / GEX12V-77

Cordless freedom for excellent surface finishings

PRODUCT HIGHLIGHTS

Cordless performance

thanks to powerful Bosch Professional 12V System and brushless motor you can always count on

Excellent ergonomics

thanks to small, compact shape and comfortable grip area to master sanding works even in challenging spaces.

Convenient tool operation

thanks to HMI for easy speedsetting and battery status indication

HMI

For individual speed setting and battery status indication

BRUSHLESS MOTOR

Consistent performance and energy efficient

5MM ORBIT WITH ECCENTRIC MOVEMENT

More efficient stock removal

PROFESSIONAL 12V SYSTEM

Compatible w/all GBA 12V batteries

32MM SANDING PAD

Most common interface (fits also for 3M & Sia) Toolless pad exchange For dry and wet sanding

BEST ERGONOMICS

Maximum control for precise sanding, fatigue-free work over a long period, and optimal for one or two-hand operations

3MM ORBIT WITH ORBITAL MOVEMENT

Efficient stock removal with small intervention in the surface

VARIABLE SPEED TRIGGER

Fine adjustment of speed within one selected speed level

GSS 12V-32
GEX 12V-32



GEX12V-77
Professional



LOCK-ON-SWITCH

comfortable sanding over longer period without holding the speed trigger

77MM SANDING PAD

Fast pad exchange with an open-end wrench, for dry and wet sanding, and a homogeneous sanding pattern

2.5MM ORBIT WITH ECCENTRIC MOVEMENT

More efficient stock removal

Technical Data	Unit	GSS 12V-32	GEX12V-32	GEX12V-77
Voltage	[V]	12	12	12
Disc size	[mm]	32	32	77
No-load speed	[rpm]	3.000-8.000	3.000-8.000	3.000-8.000
Orbit	[mm]	3	5	2.5
Vibration	[m/s ²]	2,7	2,5	1,6
Noise	[dB(a)]	68	67	64
Sanding Pattern		orbital	eccentric	eccentric
SKU		0 601 9L1 000	0 601 9L2 000	0 601 9L2 100

EXEX18V-150-5 / GEX18V-150-3

Cordless Random Orbit Sander

PRODUCT HIGHLIGHTS

High Removal Rate

5mm orbit offers high removal rates and a fast-working progress

Tool Control

Ergonomic shape and the lowest tool construction offer optimal control in all work orientations

Cordless Dust Collection

Robust dust box with HEPA Filter offers fine dust collection, mechanic self-cleaning function and quick switch to vacuum hose with integrated adapter.

EXPERT DUST BOX

with HEPA filter for fine dust collection

BEST ERGONOMICS

Optional for one ore two hand operations

LOW & BALANCED-TOOL DESIGN

For maximum tool control and less fatigue work

SUCTION SOCKET

For mobile dust collection with dust box or vacuum cleaner with Click & Clean adapter

HMI

For individual speed setting & battery status indication

BRUSHLESS MOTOR & 5.0 ORBIT

for a high removal rate and high productivity

PROFESSIONAL 18V SYSTEM

Compatible w/all 18V batteries, for best tool balance choose ProCORE18V 4.0Ah

EASY TO REACH ON/OFF SWITCH

For intuitive operation

150MM MULTIHOLE PAD WITH SANDING PAPAER GUIDING LINES

Venturi air channels lead to less dust and high surface quality

EDGE PROTECTION

Protects the sanding pad and prevents damage on edges



Technical Data	Unit	EXEX18V-150-5	GEX18V-150-3
Voltage	[V]	18	18
Disc size	[mm]	150	150
No-load speed	[rpm]	5000-10000	3000-10000
Orbit	[mm]	5	3
Vibration	[m/s ²]	2.0	1.9
Noise	[dB(a)]	79	77
Sanding Pattern		eccentric	eccentric
SKU		0 601 372 901	0 601 372 901





GPO12V-77 / GPX12V-77 / GPX12V-125

Cordless freedom for excellent surface finishings

PRODUCT HIGHLIGHTS

Cordless performance

Thanks to powerful Bosch Professional 12V System and brushless motor you can always count on

Excellent ergonomics

Thanks to small, compact shape and comfortable grip area to master sanding works even in challenging spaces

convenient tool operation

Thanks to **HMI** for easy speedsetting and battery status indication

LOCKING BUTTON

Fatigue-free work over a long period without pushing the speed trigger

ROTATION MOVEMENT

High removal rate with homogeneous polishing pattern

77MM POLISHING PAD

Fast pad exchange with open-end wrench, for targeted polishing of small areas

VARIABLE SPEED TRIGGER

Fine adjustment of speed within one selected speed level

125MM POLISHING PAD

Fast pad exchange with open-end wrench optimal for closely spaced spots

12MM ORBIT WITH ECCENTRIC MOVEMENT

Efficient polishing performance and homogeneous polishing pattern

HMI

For individual speed setting & battery status indication

PROFESSIONAL 12V SYSTEM

Compatible w/ all GBA 12V batteries

BEST ERGONOMICS AND DESIGN

Maximum control for precise polishing, optimal for one or two-hand operations, also nimble and compact forward-to-reach areas

BRUSHLESS MOTOR

Consistent performance and energy efficient

8MM ORBIT WIT ECCENTRIC MOVEMENT

Efficient polishing performance and homogeneous polishing pattern



GPX 12V-125





GPX 12V-77









Technical Data	Unit	GPO12V-77	GPX12V-77	GPX12V-125
Voltage	[V]	12	12	12
Disc size	[mm]	77	77	125
No-load speed	[rpm]	600-2.200	1.400-7.000	1.400-7.000
Orbit	[mm]		12	8
Vibration	[m/s ²]	<2,5	3,2 (@15N)	5,5 (@25N)
Noise	[dB(A)]	<70	<70	75
Polishing Pattern		rotation	eccentric	eccentric
SKU		0 601 9L4 100	0 601 9L4 000	0 601 9L4 100

ACCESSORIES SANDER & POLISHER









Strength classes as per DIN 267		Order number	Diameter (mm)	Standard attachments included in
PRO Sanding Pad Sticker		2 608 001 117	32	GSS 12V-32, GEX 12V-32
PRO Sanding Pad Velcro		2 608 001 118	32	GSS 12V-32, GEX 12V-32
PRO Sanding Pad		2 608 001 119	77	GEX 12V-77

Polisher accessories		Order number	Diameter (mm)	Suitable for
PRO Polishing Pad		2 608 001 191	77	GPO 12V-77, GPX 12V-77
PRO Polishing Pad		2 608 001 121	125	GPX 12V-125

Recommended polishing accessories		Order number	Firmness level	Diameter (mm)	Suitable for
Polishing Sponge Finish for 77 mm backing pad		2 608 623 262	soft	80	GPO 12V-77, GPX 12V-77
Polishing Sponge Cut for 77 mm backing pad		2 608 623 363		80	GPO 12V-77, GPX 12V-77
Polishing Sponge Finish for 125 mm backing pad		2 608 623 365	soft	140	GPX 12V-125
Polishing Sponge Cut set for 125 mm backing pad		2 608 623 366		140	GPX 12V-125

Recommended polishing system from Bosch company sia Abrasives		Order number	Application
siachrome CUT 1kg		F 03E 004 ZT9	Srcatch remover
siachrome FINISH 1Kg		F 03E 004 ZU0	Polishing finish

Recommended sanding accessories from Bosch company sia Abrasives		Order number	Grit/Fineness	Diameter (mm)	Suitable for
PSA Film Discs 5750 siaspot for wet sanding on sheets 100pcs		F 03E 008 TF0	1500	32	GSS 12V-32, GEX 12V-32
		F 03E 008 TF1	2000	32	GSS 12V-32, GEX 12V-32
		F 03E 008 TF2	2500	32	GSS 12V-32, GEX 12V-32
		F 03E 008 TF3	3000	32	GSS 12V-32, GEX 12V-32
		F 03E 008 TF4	5000	32	GSS 12V-32, GEX 12V-32
PSA Film Discs 5750 siaspot for wet sanding on Roll 500pcs		F 03E 008 TG1	1500	32	GSS 12V-32, GEX 12V-32
		F 03E 008 TG2	2000	32	GSS 12V-32, GEX 12V-32
		F 03E 008 TG3	2500	32	GSS 12V-32, GEX 12V-32
		F 03E 008 TG4	3000	32	GSS 12V-32, GEX 12V-32
		F 03E 008 TG5	5000	32	GSS 12V-32, GEX 12V-32

Hook & Loop Film Disc 5750 siaspot for wet sanding 125pcs		F 03E 008 TG9	1500	35	GSS 12V-32, GEX 12V-32
		F 03E 008 TG8	2000	35	GSS 12V-32, GEX 12V-32
		F 03E 008 TG7	2500	35	GSS 12V-32, GEX 12V-32
		F 03E 008 TG6	3000	35	GSS 12V-32, GEX 12V-32
		F 03E 008 TG0	5000	35	GSS 12V-32, GEX 12V-32
Hook & Loop Sanding Disc 1550 siapower 50pcs		F 03E 008 KT0	40	150	GEX18V-150-3
		F 03E 008 KT1	60	150	GEX18V-150-3
		F 03E 008 KU9	80	150	GEX18V-150-3
		F 03E 008 KV0	100	150	GEX18V-150-3
		F 03E 008 KV1	120	150	GEX18V-150-3
		F 03E 008 KV2	150	150	GEX18V-150-3
		F 03E 008 KV3	180	150	GEX18V-150-3
		F 03E 008 KV4	220	150	GEX18V-150-3
		F 03E 008 KV5	240	150	GEX18V-150-3
		F 03E 008 KV6	320	150	GEX18V-150-3
		F 03E 008 KV7	400	150	GEX18V-150-3
		F 03E 008 KV8	500	150	GEX18V-150-3
		F 03E 008 KV9	600	150	GEX18V-150-3
		F 03E 008 KS5	800	150	GEX18V-150-3
Hook & Loop Sanding Disc 1950 siaspeed 50pcs		F 03E 001 CL2	80	80	GEX12V-77
		F 03E 001 CL6	120	80	GEX12V-77
		F 03E 001 CL8	180	80	GEX12V-77
		F 03E 003 E5T	240	80	GEX12V-77
		F 03E 003 E5V	320	80	GEX12V-77
		F 03E 003 E5X	400	80	GEX12V-77
		F 03E 003 E5Z	600	80	GEX12V-77
		F 03E 003 8ZN	800	80	GEX12V-77
Hook & Loop Fine Sanding Foam Discs 7940 siaair 10pcs		F 03E 001 CH7	800	80	GEX12V-77
		F 03E 001 CH8	1000	80	GEX12V-77
		F 03E 003 BW3	1500	80	GEX12V-77
		F 03E 001 CH9	2000	80	GEX12V-77
		F 03E 003 EF7	3000	80	GEX12V-77
		F 03E 003 EF8	4000	80	GEX12V-77

7

CORDLESS RIVET GUN



GRG18V-16

One rivet gun for a wide range of rivets and with two riveting modes

RIVET HOLDER

The rivet does not fall out of the nosepiece even if the tool points towards the floor

WIDE RIVET RANGE

Installs a wide range of blind rivets (from 3.0 to 6.4 mm diameter), without changing internal tool components.

JAWS CHECKING REMINDER

The “Jaws Checking Reminder” icon helps you track the maintenance schedule of the jaws directly on the tool’s HMI



NOSEPIECE MAGAZINE

For individual speed setting, battery status indication and easy access of nosepieces due to storage room on the upper part of the tool

MANDREL CONTAINER

Prevents broken-off rivet mandrels from falling onto the ground.

Auto/Manual Mode

Flexibility to choose between two different riveting modes (AUTO mode or MANUAL mode, depending on user’s preferences)



WRENCH

Removable wrench to comfortably change the nosepieces when needed

Technical Data	GRG18V-16
Rated voltage [V]	18
Motor	Brushless
Pulling force [N]	16,000
Stroke length [mm]	25
Rivet diameter [mm]	3.0-6.4
Weight, excl. battery [kg]	1.6
Tool length with mandrel container[mm]	290
Tool length w/o mandrel container[mm]	220
Tool height [mm]	243
Tool width [mm]	67
SKU	0 601 9K5 000

CORDLESS RATCHET WRENCH



GRC18V-60

An extremely powerful ratchet wrench that's easier to handle in narrow spaces

EASY ACCESS TO NARROW SPACES

with compact body and long neck design.

ILLUMINATION IN THE DARK

with the LED light.

PREVENTS UNINTENTIONAL ACTIVATION

with the Lock-Off switch.



EASY TO USE HMI

3 mode selection for different applications.

POWERFUL AND FAST

due to the brushless motor that delivers superior max 60Nm output torque and 400rpm speed.

EASY TO HANDLE AND REDUCES FATIGUE

thanks to ergonomic paddle trigger with comfortable grip.

Technical Data	GRC18V-60
Voltage [V]	18
Motor type	Brushless
Square Anvil Size	3/8"
Head Length [mm]	79
Head Diameter [mm]	32
Head Height [mm]	40
Width [mm]	75
Depth [mm]	70
Length [mm]	220
Length [mm]	363
No-load speed [rpm]	0 - 400
Torque [Nm]	0 - 60
Weight, excl. battery [kg]	0.9
SKU	0 601 9N8 000



BRUSHLESS MOTOR



BOSCH

Professional

HEAVY DUTY

GRC 12V-60 3/8 SN



BOSCH

12V

3.0 Ah Li-Ion

GRC 12V-60 3/8SN PROFESSIONAL

For loosening and tightening fasteners in confined spaces.

USEFUL FOR HIGH TORQUE APPLICATIONS

Due to robust gear box and housing

MAXIMUM TOOL CONTROL

Comes from the TPE soft grip

COMPACT FOR BEST ACCESS IN NARROW SPACES

Due to a smaller ratchet head

COMPATIBLE WITH ALL 12V BOSCH PROFESSIONAL BATTERIES

As part of the 12V battery system.

ILLUMINATES WORKING SPOTS WELL

with the inbuilt LED light

SAFE AND SECURE TRANSPORTATION

Comes from the lockoff switch



Technical Data

GRC12V-60 3/8SN

Power	12.0 V
Torque, max.*	60 Nm
Battery voltage	12.0 V
Product dimensions (width x length x height)	52 x 269 x 73 mm
Weight incl. battery*	0.95 kg
Tool reception	3/8" square
Head length	79mm
SKU	0 601 9N8 301



GRC 12V-60 1/2SN PROFESSIONAL

An extremely powerful ratchet wrench that's easier to handle in narrow spaces

HIGH TORQUE PERFORMANCE

Robust gear box & durable housing.

EASY ACCESS

Compact ratchet head for narrow spaces.

ENHANCED VISIBILITY

LED light illuminates the working area.



MAXIMUM COMFORT

Ergonomic TPE soft grip for better control & nobs for stable parking.

PRECISE CONTROL

Robust metal paddle with variable speed trigger,

SAFE TRANSPORT

Lock-off feature for secure handling.

Technical Data	GRC12V-60 1/2SN
Power	12.0 V
Torque, max.*	60 Nm
Battery voltage	12.0 V
Product dimensions (width x length x height)	52 x 269 x 73 mm
Weight incl. battery*	0.98 kg
Tool reception	1/2" square
SKU	0 601 9N8 301

ENGINEERED FOR EXTREME RUNTIME AND MAXIMUM POWER

EXBA18V-80 high-power Expert battery pack

Up to 120% more runtime with extreme power for demanding professional applications

- Advanced tabless cell technology delivers exceptional continuous runtime and maximum power output of up to 2400 W, with significantly lower internal resistance. Compatible since 2008: All of our batteries are compatible with new and existing Bosch Professional tools in the same voltage class.
- One battery fits all: Fully compatible with all tools and chargers in the Bosch Professional 18V System and the multi-brand battery alliance AMPShare
- COOLPACK 2.0 heat management ensures superior heat dissipation, protecting the cells and extending battery lifetime even under high loads

The EXBA18V-80 high-power Expert battery is engineered for professionals who demand maximum performance and durability. Compared to the Professional GBA 18V 4.0Ah battery, it delivers up to 120% more runtime in tough applications (internal test lab data). Its innovative tabless cell technology eliminates current bottlenecks found in conventional batteries, enabling countless parallel current paths for lower resistance, reduced heat generation, and extreme power delivery.

With its reinforced robust housing, advanced COOLPACK 2.0 thermal management, and cutting-edge cell technology, the EXBA18V-80 offers a long service life and reliable performance for continuous, demanding work.



COOL PACK



Bosch COOLPACK
for up to 100% longer
service life



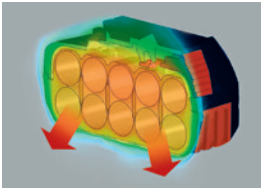
FLEXIBLE
POWER SYSTEM



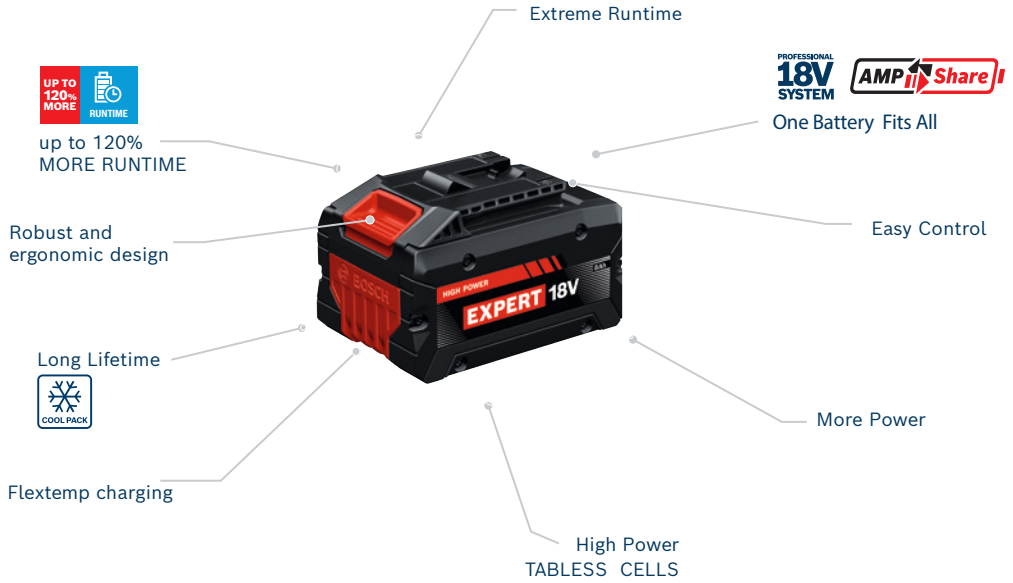
100% compatibility
within the 18-volt
range



Longest runtimes and extended service life thanks to COOLPACK

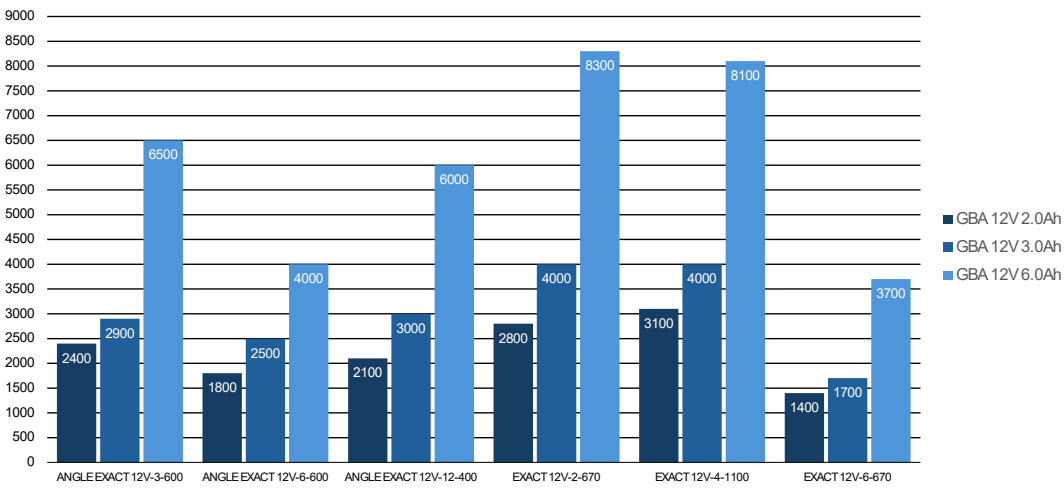


The red **COOLPACK** housing is made from thermally conductive material for up to 100% longer service life, in comparison to a Bosch rechargeable battery without **COOLPACK**. Bosch **COOLPACK** ensures balanced heating and reduces overheating!



Number of screw connections per battery charge 12V*

Always the right battery for continuous operation available**

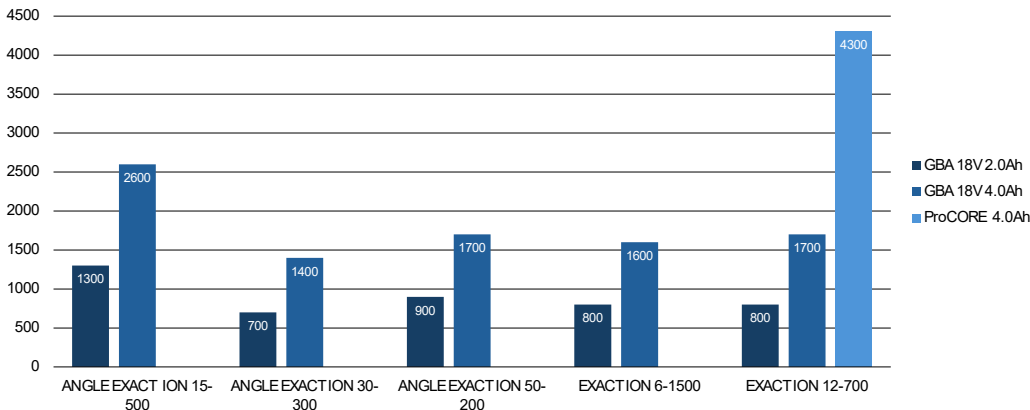


*Results of endurance test with maximum torque and a medium-hard screwdriving application with 90° rotation angle, tested under Bosch lab conditions

** Assumption up to 10k screws/per day and 3 shifts

Number of screw connections per battery charge 18V*

Always the right battery for continuous operation available**






*Results of endurance test with maximum torque and a medium-hard screwdriving application with 90° rotation angle, tested under Bosch lab conditions

** Assumption up to 10k screws/per day and 3 shifts

BATTERY PACKS AND CHARGERS

12 V battery packs and chargers









Lithium-ion	Order number	Description	Voltage (V)	Capacity (Ah)	Weight as per EPTA (kg)
GBA 12 V / 2,0 Ah Professional 	0 602 494 020	Battery GBA 12V 2.0 Ah, pack of 27	12	2.0	27 x 0.175
GBA 12 V / 3,0 Ah Professional 	0 602 496 012	Battery GBA 12V 3.0 Ah, pack of 28	12	3.0	28 x 0.18
GBA 12 V / 6,0 Ah Professional 	0 602 496 013	Battery GBA 12V 6.0 Ah, pack of 12	12	6.0	12 x 0.385

Lithium-ion quick charger	Order number	Description	Voltage (V)	Weight as per EPTA (kg)
GAL 12V-40 Charges the GBA 12V/3.0 Ah in 50 minutes and the GBA 12 V/6.0 Ah in 95 minutes completely to 100%. 	0 602 494 007	Charger GAL 12V-40, pack of 16	230	16 x 0.45
	0 602 496 014	Charger GAL 12V-40, pack of 16 (UK plug)	230	16 x 0.45
GAL 12V/18V-80 Charges the GBA 18 V/2.0 Ah in 35 minutes and the GBA 18 V/5.0 Ah in 70 minutes completely to 100%. 	1 600 A03 NC9	Charger GAL 12V/18V-80, pack of 15	230	15 x 0.65
2 x GBA 12V 3.0Ah + GAL 12V-40 GAL 12V-40: Rapid charging speed for all 12 V batteries. Charging 12V 3.0Ah batteries from 0 to 80% in 36 min. 	1 600 A01 9RD	2 x GBA 12V 3.0Ah + GAL 12V-40 Starter Set	12.0	0.625

18 V lithium-ion battery packs and chargers

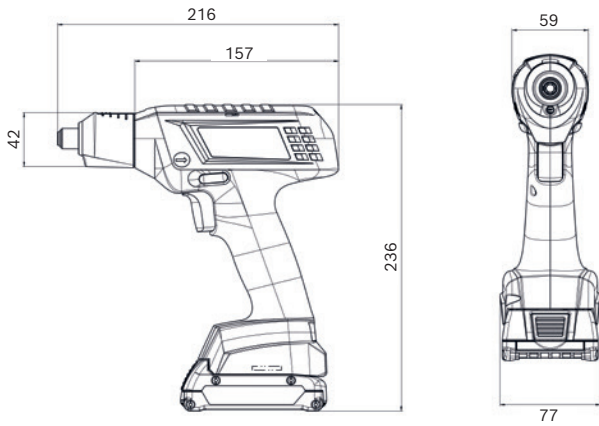


Lithium-ion	Order number	Description	Voltage (V)	Capacity (Ah)	Weight as per EPTA (kg)
18 V/2,0 Ah 	0 602 494 002	Battery, pack of 12	18	2.0	12 x 0.35
18 V/4,0 Ah 	0 602 494 004	Battery, pack of 12	18	4.0	12 x 0.6
18 V/5,0 Ah 	0 602 494 003	Battery, pack of 12	18	5.0	12 x 0.6
ProCORE18V 4,0Ah 	0 602 494 034	Battery, pack of 15	18	4.0	15 x 0.515
GBA 18V-20 	1 600 A03 NK3	Battery, pack of 12	18	2.0	15 x 0.35
EXBA18V-40 	1 600 A03 NB3	Battery, pack of 15	18	4.0	15 x 0.605

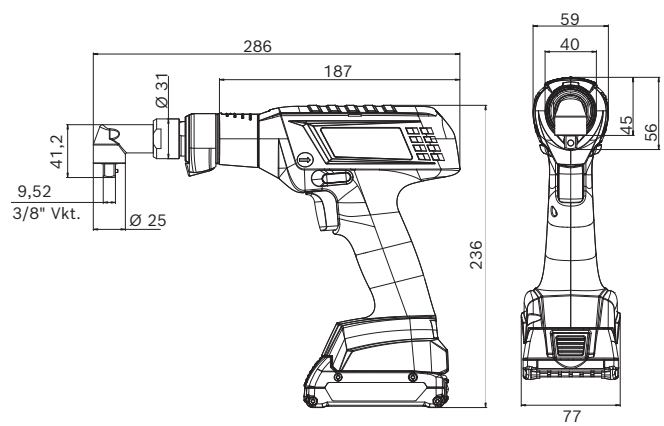
Lithium-ion quick charger	Order number	Description	Voltage (V)	Weight as per EPTA (kg)
GAL 12V/18V-80 Charges the GBA 18 V/2.0 Ah in 35 minutes and the GBA 18 V/5.0 Ah in 70 minutes completely to 100%. 	1 600 A03 NC9	Charger GAL 12V/18V-80, pack of 15	230	15 x 0.65
GAL 18V-40 Charges GBA18 V/2.0 Ah in 35 minutes. GBA 18 V/5.0 Ah 70 min completely to 100%. 	0 602 494 039	Charger GAL 18V-40, pack of 18	230	18 x 0.55
GAL 18V6-80 Charges the GBA18 V/2.0 Ah in 29 minutes and the GBA 18 V/5.0 Ah in 29 mins completely to 100%. 	1 600 A01 U9L	PRO HEAVY DUTY GAL 18V6-80	18.0	1.8
EXPERT EXAL18V2-320 Full charge two EXBA18V-80 batteries in 39 min. 	1 600 A02 YG6	EXPERT EXAL18V2-320 Professional	18.0	2.2
2x EXBA18V-40 + GAL 12V/18V-80 fully charges an EXBA 18V-40 battery in just 38 minutes. 	1 600 A03 73J	2x EXBA18V-40 + GAL 12V/18V-80 Starter-Set	18.0	1.25

DIMENSIONAL DRAWINGS

EXACT ION 18V
Dimensions in mm

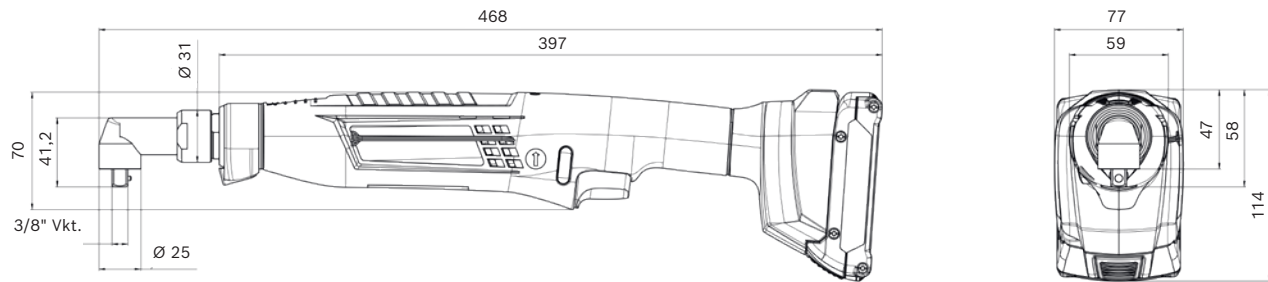


EXACT ION WK 18V
Dimensions in mm



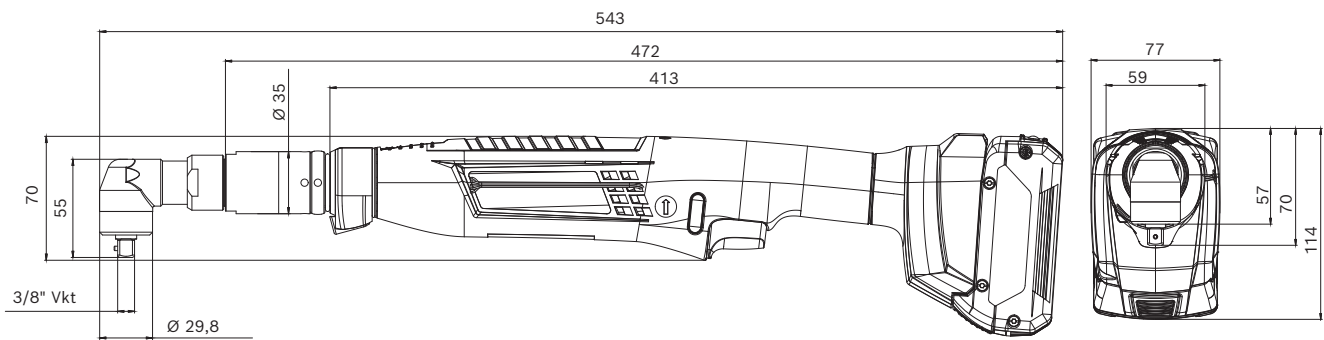
ANGLE EXACT ION 18V model: 15-500 and 8-1100

Dimensions in mm



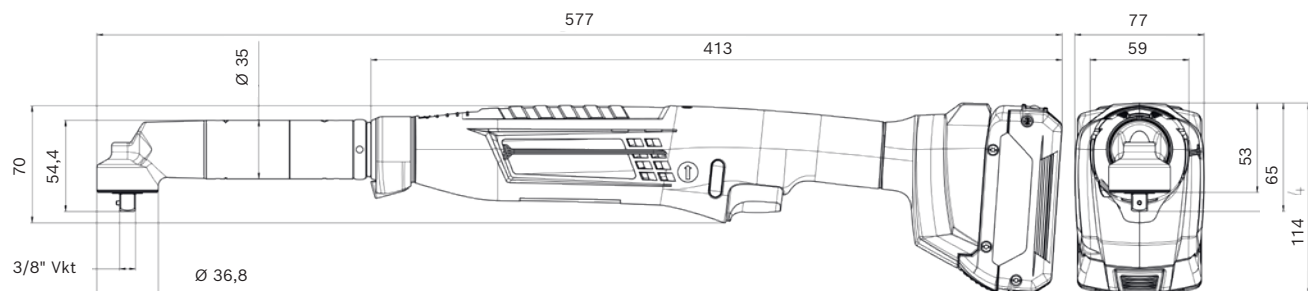
ANGLE EXACT ION 18V model: 23-380 and 30-290

Dimensions in mm

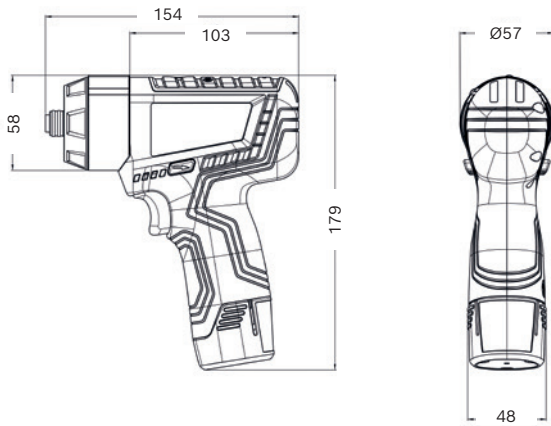


ANGLE EXACT ION model: 30-300, 40-220, 50-200 and 60-120

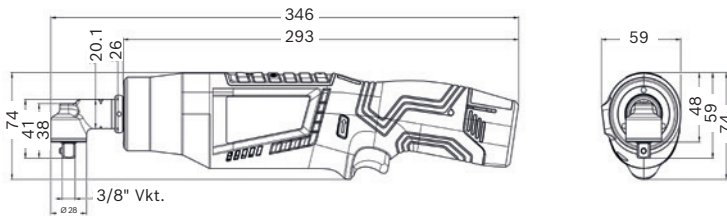
Dimensions in mm



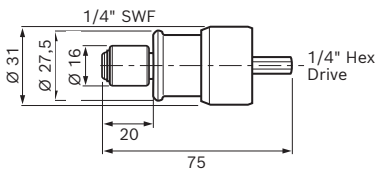
EXACT 12V
Dimensions in mm



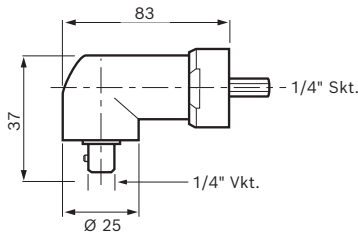
ANGLE EXACT 12V
Dimensions in mm



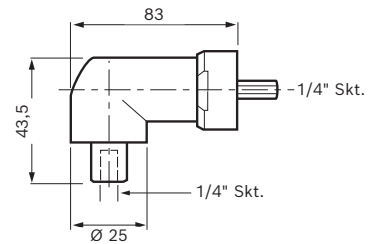
0 607 453 631 Dimensions in mm



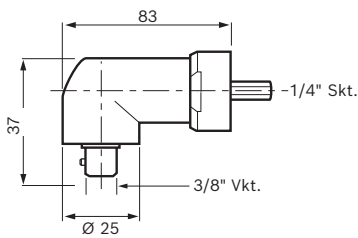
0 607 453 617 Dimensions in mm



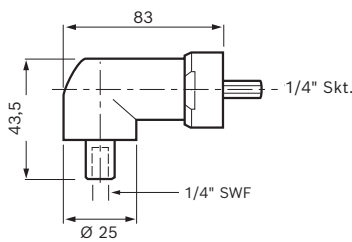
0 607 453 618 Dimensions in mm



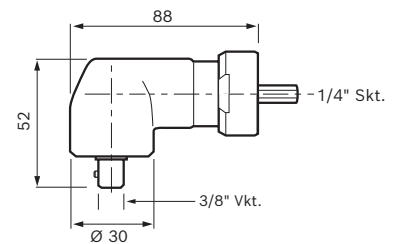
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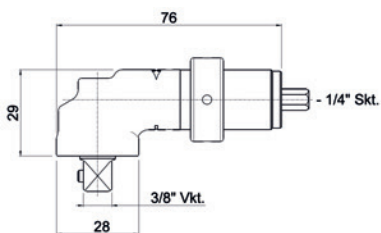
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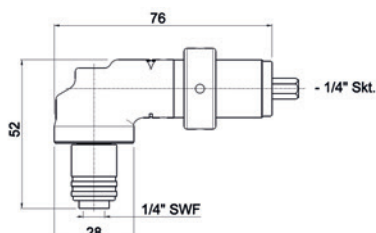
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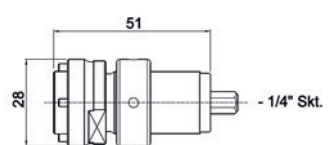
0 602 496 020 Dimensions in mm



0 602 496 021 Dimensions in mm

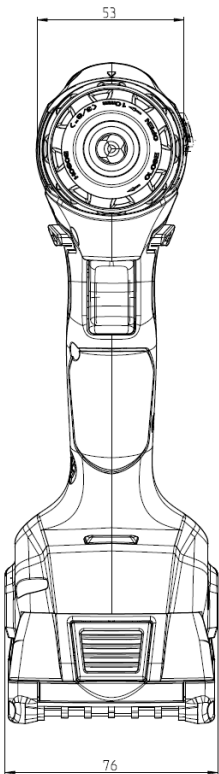
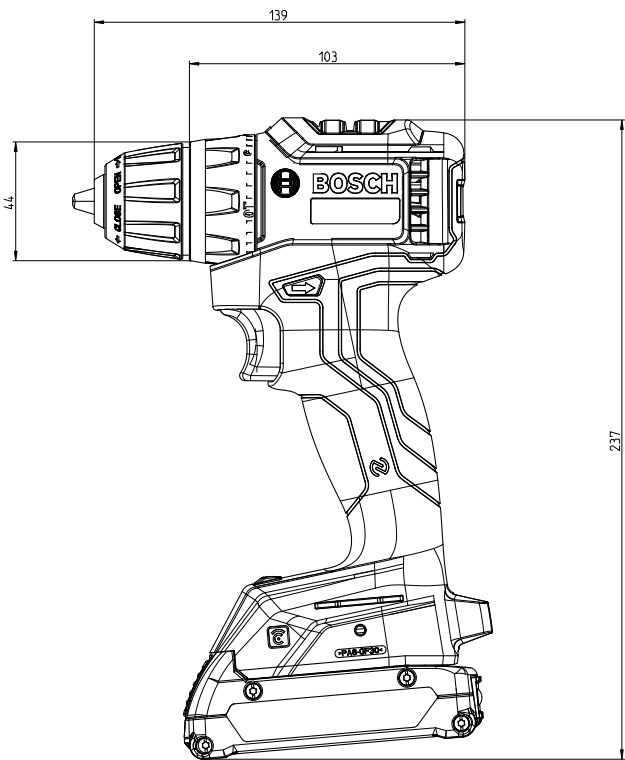


0 602 496 022 Dimensions in mm

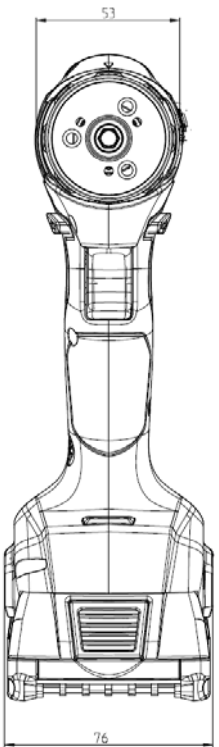
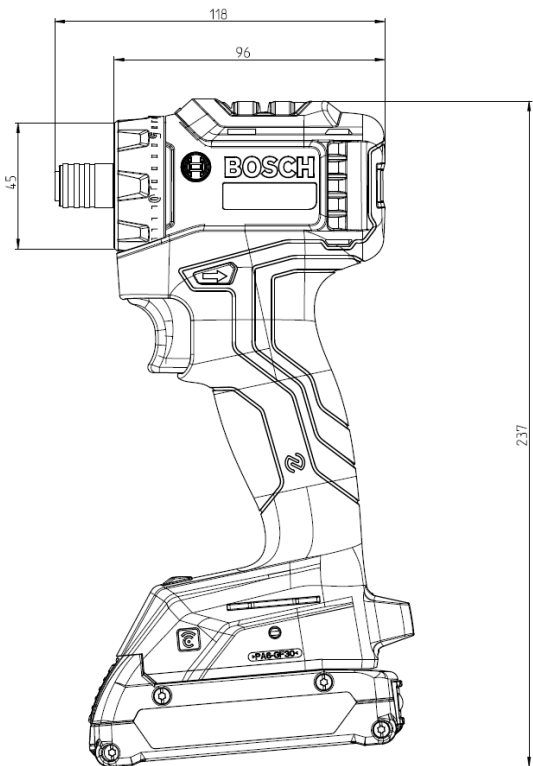


DIMENSIONAL DRAWINGS

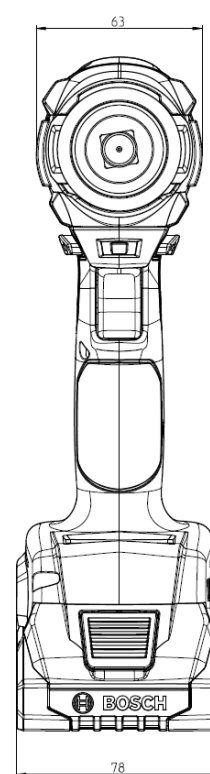
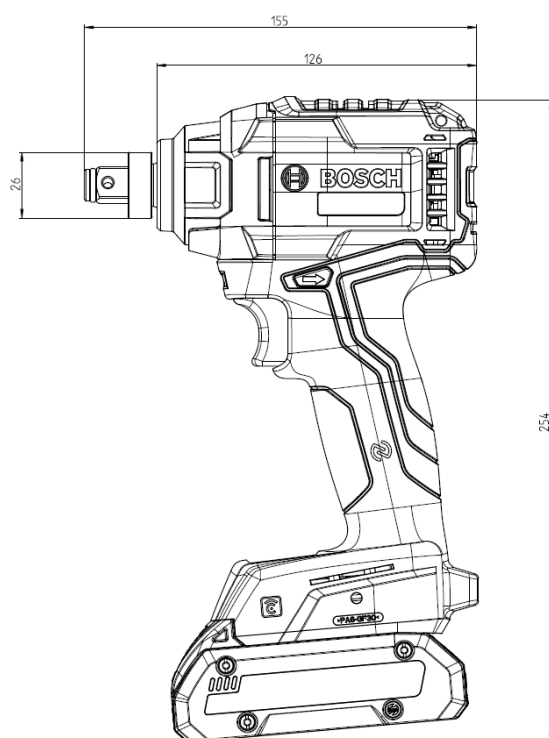
ISR 18V-30 P
Dimensions in mm



ISR 18V-30 PHX
Dimensions in mm

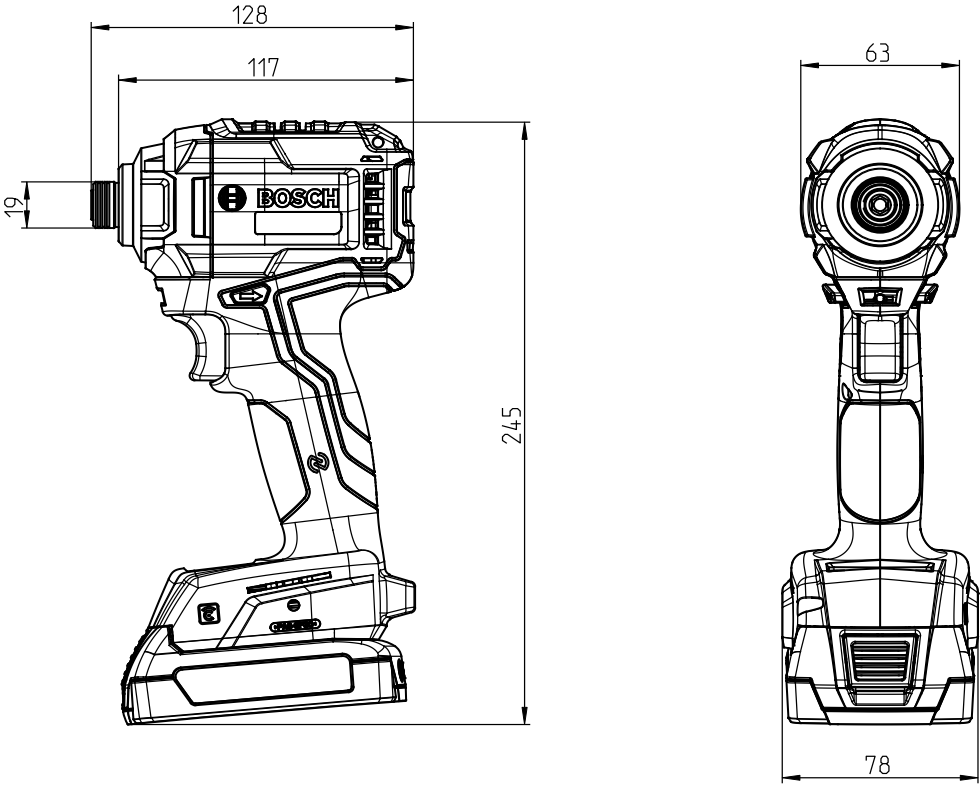


IDS 18V-200 T
Dimensions in mm

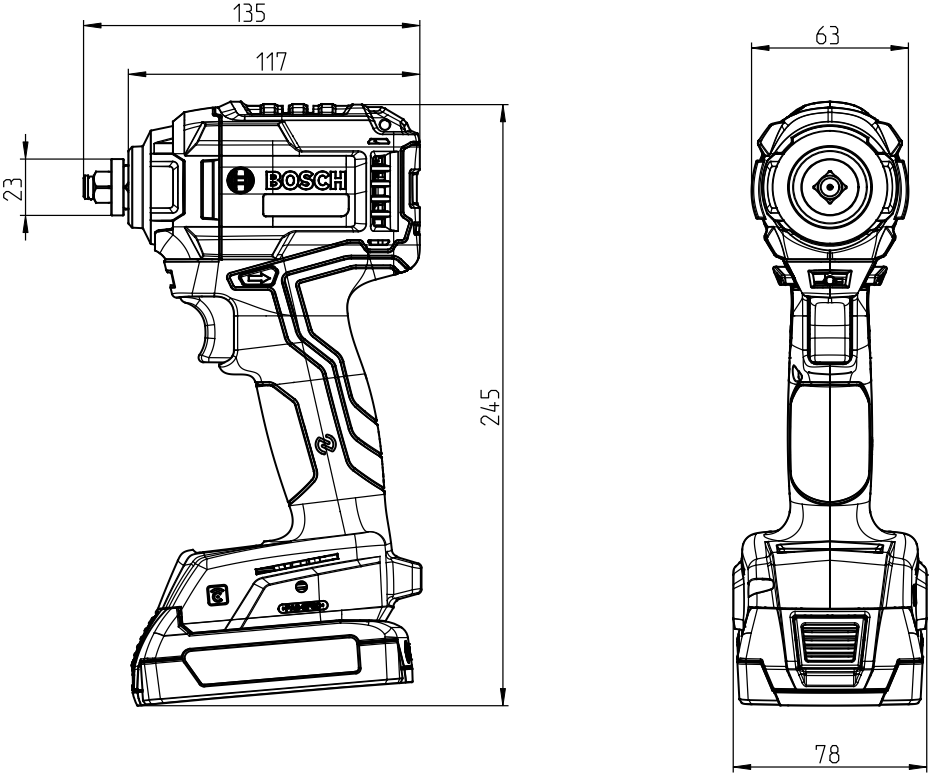


DIMENSIONAL DRAWINGS

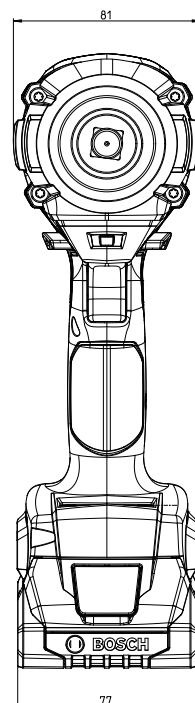
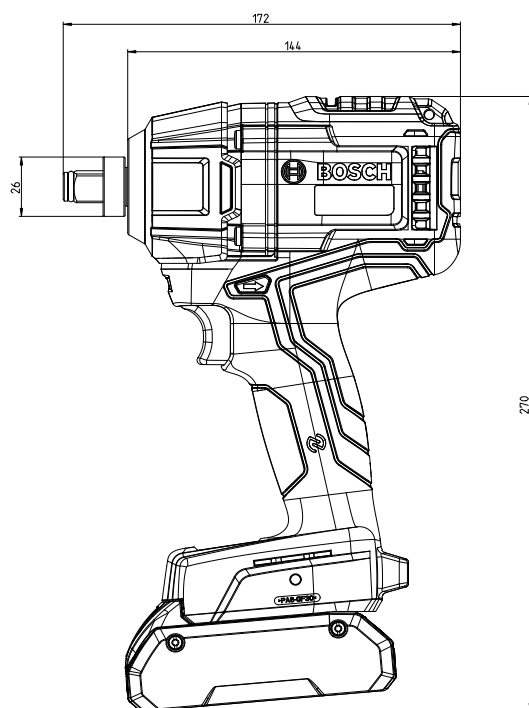
IDR 18V-125 T
Dimensions in mm



IDS 18V-125 T
Dimensions in mm



IDS 18V-650 T
Dimensions in mm



REFERENCE VALUES FOR TIGHTENING TORQUES

Reference values for maximum screw tightening torques in Nm. Assumed underhead friction $\mu_{\text{tot}} = 0.125$, calculated from the stressed cross-section; valid for shaft screws with a metric standard thread as per DIN 13, sheet 13, head contacts as per DIN 931, 933.

Strength classes as per DIN 267	5.8	6.8	6.9	8.8	10.9	12.9	14.9
M 1	0.0239	0.0287	0.0322	0.0382	0.0539	0.0646	0.0755
M 1.2	0.0456	0.0547	0.0618	0.0732	0.103	0.123	0.144
M 1.4	0.074	0.088	0.099	0.118	0.166	0.199	0.232
M 1.6	0.106	0.128	0.144	0.17	0.238	0.288	0.336
M 1.8	0.166	0.2	0.225	0.265	0.373	0.45	0.52
M 2	0.22	0.264	0.297	0.35	0.5	0.595	0.635
M 2.5	0.444	0.54	0.608	0.72	1.02	1.21	1.42
M 3	0.78	0.935	1.05	1.24	1.75	2.1	2.45
M 4	1.78	2.14	2.4	2.9	4	4.8	5.6
M 5	3.5	4.21	4.73	5.5	8	9.4	11
M 6	6.02	7.22	8.13	9.7	13.6	16.2	18.9
M 8	14.6	17.5	19.7	23	33	39	46
M 10	29	35	39	47	65	78	92
M 12	50	60	67	80	113	135	158
M 14	79	95	107	130	180	215	251
M 16	122	147	165	196	275	330	336
M 18	168	202	227	270	380	450	530
M 20	238	286	320	385	540	635	750
M 22	320	385	430	510	715	855	1010
M 24	410	490	455	650	910	1100	1290
M 27	605	725	815	960	1345	1615	1900
M 30	820	990	1110	1300	1830	2200	2600
M 33	1110	1340	1500	1770	2480	2980	3500
M 36	1430	1720	1930	2260	3170	3810	4500
M 39	1850	2220	2500	2970	4170	5000	5800
M 42	2290	2750	3100	3670	5170	6200	7230

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