BOSCH



INDUSTRIAL TOOLS 2025

Power Tools for Assembly Lines

Bosch Industrial

boschproductiontools.com


BOSCH
Professional
18V
2.0Ah
BOSCH

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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 tools.



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.

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.

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.

AMP Share

Powered by BOSCH

Many brands. Many tools.

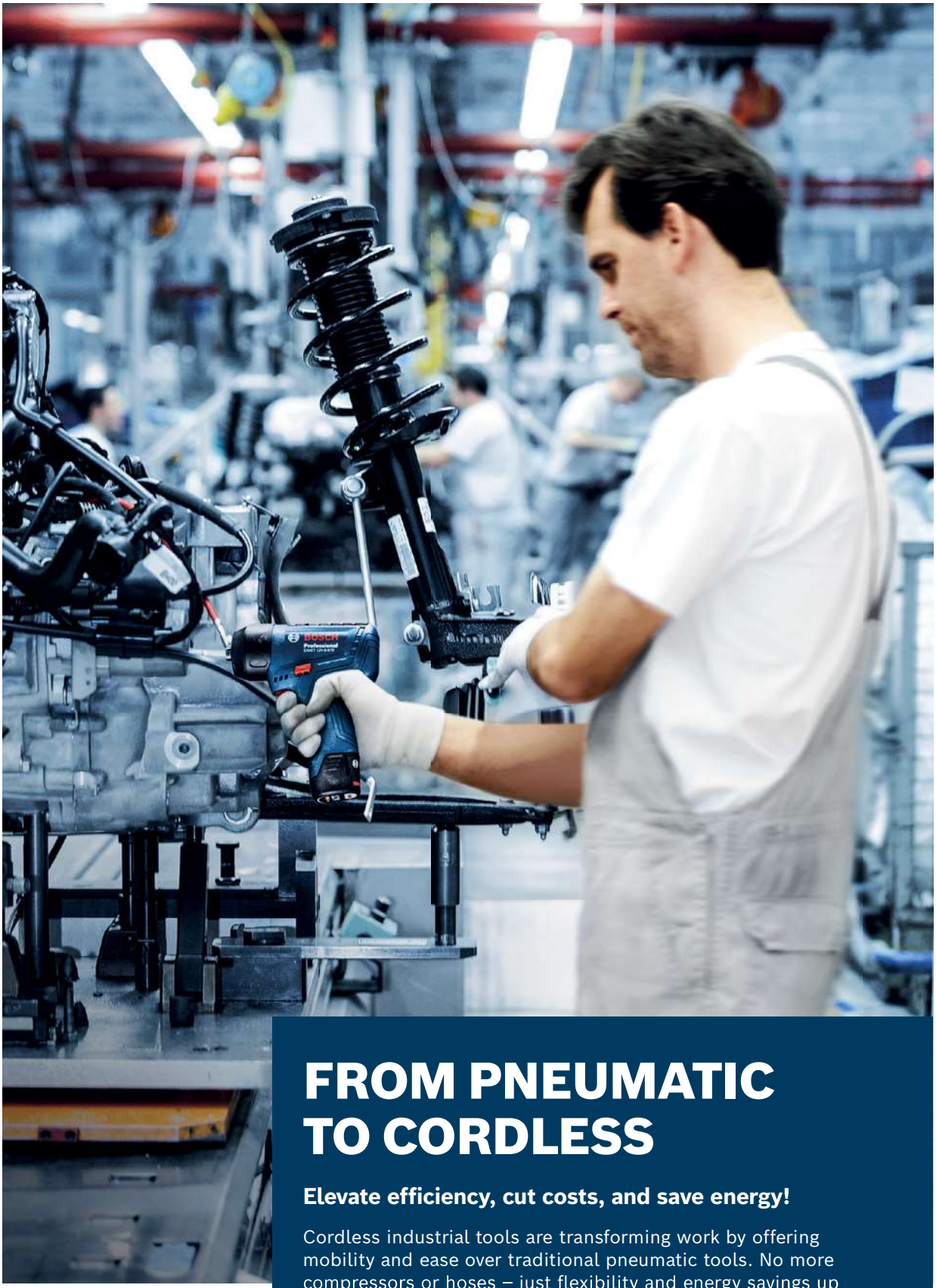
ONE BATTERY SYSTEM.

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 80 million batteries sold and a fast-growing alliance, AMPShare is the 18V battery system you can build on.



More information at ampshare.com

AAT · aircraft · ALMI · BEPo · BOSCH Professional · brennenstuhl · BUDAK TOOLS · cleancraft · COX · FEIN · fischer · FORCH · HONSEL · KlauKe · KUMMERT · LEDLENSER · LEISTER · LENA LIGHTING · mato · MESTO · MK · ORGAPACK · PERFECTPRO · PLANUM · rexroth A Bosch Company · ROTHENBERGER · SIGNODE · SONLUX · steinel · strapex · TITAN · TRANSPAK · WAGNER



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 CO_2 emissions. Lighter, quieter, and cost effective, cordless tools deliver seamless operations and sustainability. Switch to Cordless Industrial today!

1 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.

PROFESSIONAL 12V SYSTEM

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

1/4” QUICK-CHANGE CHUCK

For a quick tool change

RELIABILITY

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



LED RING LIGHT

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

CAN BE ADJUSTED TO SPECIAL APPLICATIONS

USB interface for the parametrisation of speed for screwdriving stages

NEW, EXTREMELY SMALL ANGLED HEAD

With ¼“ quick-change chuck or 3/8“ square, freely rotatable

BRUSHLESS MOTOR

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 Cmk > 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

EXACT		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

1 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 Cmk > 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*	34–670** 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

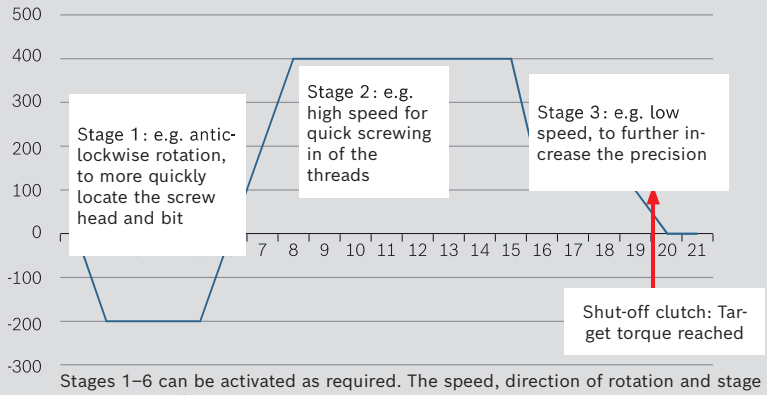
**** incl. battery 3.0 Ah and angled head

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EXACT ION 18V AND ANGLE EXACT ION 18V



Multi-stage screw process



Stages 1–6 can be activated as required. The speed, direction of rotation and stage length can be freely adjusted.

Greater procewwss reliability:

- Precision shut-off clutch with Cmk > 1.67 (im +/± 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

Flexible Power System

FLEXIBLE POWER SYSTEM



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

BRUSHLESS MOTOR
For maintenance-free operation

LED LIGHTING
For optimal illumination of the work area

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



SHUT-OFF CLUTCH
Can be adjusted with a special tool – for maximum precision

NEW SWITCH MODULE AND NEW HANDLE DESIGN
for even more ergonomic working

INNOVATIVE MODULAR ELECTRONICS
For even easier servicing

USB INTERFACE FOR CONFIG-URING SPEED OF SREWDRIVING STAGES
adjustable to your specific application

ANGLED HEAD
Adjustable for even more ergonomic working

LED LIGHTING
Adjustable for optimal illumination of the work area

RELIABLE 18 V LITHIUM-ION BATTERY PACK
with an extremely long service life

1

EXACT ION 18V WITH LITHIUM-ION TECHNOLOGY

- Precision shut-off clutch with Cmk > 1.67 (im ±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

1

EXACT ION WK 18V WITH LITHIUM-ION TECHNOLOGY

- Precision shut-off clutch with Cmk > 1.67 (im ±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 6-1500 WK	0 602 494 406	2 – 8	105 – 1.050**
			
EXACT ION 8-1100 WK	0 602 494 407	2 – 11	75 – 750**
			
EXACT ION 12-700 WK	0 602 494 408	2 – 16	50 – 500**
			
EXACT ION 12-450 WK	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

1

ANGLE EXACT ION 18V WITH LITHIUM-ION TECHNOLOGY

- Precision shut-off clutch with Cmk > 1.67 (im ±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

1

ANGLED HEADS FOR EXACT AND ANGLE EXACT

		Order number	Max. torque (Nm)	Drive end	Weight (kg)	Quantity
Angled heads 12 V		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 180W angled heads		0 602 496 022		Flange for straight head and 180W angled heads	0.1	1
Straight head		0 607 453 631	6	1/4" quick-change chuck	0.2	1
Angled heads 180W 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 180W 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
Torque adjustment tool For adjusting the clutch			3 607 950 027	1

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

1 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 Not a cover for the CoolPack housing Suitable for 18-volt lithium-ion battery packs Only available as a pack of 10		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

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 For adjusting the clutch	3 605 500 210	5

2 CORDLESS SCREWDRIVERS & IMPACT WRENCHES



IDS 18V-200 T INDUSTRIAL

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

PRODDUCT HIGHLIGHTS

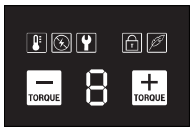
High tightening quality
- Torque presetting and auto shutoff to prevent under or over-tightening
- High output torque consistency

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

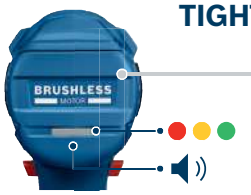
Maximizes switch cycle to achieve a 2-5 times longer lifecycle compared to conventional tools

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 NFC 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. bolt size	–	M18
No-load speed	rpm	0-2,500
Impact rate	bpm	0-3,500
Weight w/o battery	kg	1.2

ISR 18V-30 P/PHX INDUSTRIAL

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

PRODDUCT 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
(ISR 18V-30 P)



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.

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

HALL SENSOR SWITCH

Maximize switch cycle with industrial endurance

NFC CONNECTED

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

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UNIVERSAL BIT HOLDER (ISR 18V-30 PHX)

Fast and reliable exchange of screw bits with ¼" hex head



SUSPENSION HOOK

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

OPTIMIZED SPEED

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

INDUSTRIAL ERGONOMIC

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

Technical Data	Unit	ISR 18V-30 P Industrial	ISR 18V-30 PHX 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

*Tested according to Bosch internal standard

PRECISION MADE SIMPLE: QUALITY AND EFFICIENCY IN EVERY TIGHTENING

AVAILABLE SOON

Simplify your tool lifecycle management with Smart Solution for Industrial Assembly Line

PRODDUCT HIGHLIGHTS

Increase quality
Simplify tool data management, recieve timely maintenance reminders, and ensure optimal tool performance.

Boost efficiency
Detect errors, automate tasks, improve quality

Simple to use
Trace production, identify trends, make informed decisions with our user-friendly software





Compatible Tools	SmartCore ISR 18V-30P, ISR 18V-30PHX, IDS 18V-200T	SmartElite ISR 18V-30P, ISR 18V-30PHX, IDS 18V-200T	SmartExact 18V EXACT Ion, 18V EXACT Ion WK
Tightening Result Monitoring	Y	Y	Y
Missing Screw Detection	Y	Y	Y
Process Duration Monitoring	Y	Y	Y
Tool Indetification	Y	Y	Y
Tool Management	N	Y	Y
Tool Enable/Disable	N	N	Y
Data Recording	Limited	Unlimited	Unlimited
Data Visualization and Analysis	N	Y	Y
MES Integration	N	Y	Y

IDR 18V-125 T/IDS 18V-125 T

AVAILABLE SOON

PRODDUCT 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

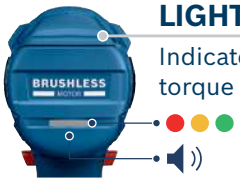
IDS 18V 125 T
3/8” square head w/o pin hole



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 tha 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	IDR 18V-125 T	IDS 18V-125 T
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 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)	1.7kg	1.1kg

*refer to Bosch internal measurment standard

IDS 18V-650 T

AVAILABLE SOON

PRODDUCT 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 torque1/2” square head w/o pin hole

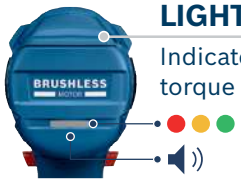
PRECISION AUTO SHUTOFF
+/-15% refers to Bosch internal measure-ments, consistency to every bolt

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 tha 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

Scan for NFC HOW TO VIDEO

Technical Data	IDS 18V-650 T
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 Bolt Size	M24
No Load Speed	0 - 2,000 RPM
Impact Rate	0 - 2,800 BPM
Weight (w/o batt)	1,8kg

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

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
PRO Impact Sockets 3/4" Deep 9-PC Set	2 608 003 042	3/4"	17, 19, 21, 22, 23, 24, 27, 30, 32	Deep	9

3 CORDLESS SANDER & POLISHER



GSS 12V-32 / GEX 12V-32

Cordless freedom for excellent surface finishings

PRODDUCT 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

PROFESSIONAL 12V SYSTEM
Compatible w/all GBA 12V batteries

5MM ORBIT WITH ECCENTRIC MOVEMENT
More efficient stock removal



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

32MM SANDING PAD
Most common interface (fits also for 3M & Sia) Toolless pad exchange For dry and wet sanding

VARIABLE SPEED TRIGGER
Fine adjustment of speed within one selected speed level

GSS 12V-32
GEX 12V-32



3MM ORBIT WITH ORBITAL MOVEMENT
Efficient stock removal with small intervention in the surface

GEX 12V-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	GEX 12V-32	GEX 12V-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/s²]	2,7	2,5	1,6
Noise	[dB(a)]	68	67	64
Sanding Pattern		orbital	eccentric	eccentric

GEX 18V-150-3

Optimal control for higher removal rates

PRODDUCT HIGHLIGHTS

Outstanding balance
Close to the workpiece and supreme ERGONOMICS of palm rest and grip offer optimal TOOL CONTROL

High removal rates
Brushless motor and Bosch's Professionals 18V system ensure HIGH REMOVAL RATES and high endurance

HMI
EASY and INTUITIVE operation featuring an HMI with speeed setting and battery status indicator

DUST BOX
For optimal dust collection & CLICK&CLEAN ready

BEST ERGONOMICS
Optiomal for one ore two hand operations

LOW & BALANCED-TOOL DESIGN
For maximum tool control and less fatigue work

SUCKTION 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 & 3.0 ORB
For fine sanding and high surface quality

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 MULTOHOLE PAD WITH SANDING PAPAER GUIDING LINES
Venturi air channels lead to less dust and high surface quality

GUARD RING
Protects the sanding pad and prevents damage on edges

Technical Data	Unit	GEX 18V-150-3
Voltage	[V]	12
Disc size	[mm]	150
No-load speed	[rpm]	3.000-8.000
Orbit	[mm]	3
Vibration	[m/s²]	2,7
Noise	[dB(a)]	68
Sanding Pattern		orbital



GPO 12V-77 / GPX 12V-77 / GPX 12V-125

Cordless freedom for excellent surface finishings

PRODDUCT 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



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 forhard-to-reach areas

BRUSHLESS MOTOR
Consistent performance and energy efficient

GPX 12V-125



125MM POLISHING PAD
Fast pad exchange with open-end wrench optimal for closely spaced spots

8MM ORBIT WIT ECCENTRIC MOVEMENT
Efficient polishing performance and homogeneous polishing pattern

GPX 12V-77



12MM ORBIT WITH ECCENTRIC MOVEMENT
Efficient polishing performance and homogeneous polishing pattern

Technical Data	Unit	GPO 12V-77	GPX 12V-77	GPX 12V-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/s²]	<2,5	3,2 (@15N)	5,5 (@25N)
Noise	[dB(A)]	<70	<70	75
Polishing Pattern		rotation	eccentric	eccentric

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 ploishing compun from Bosch company SIA ABRASIVES		Order number	Application
SIACHROME CUT 1 kg		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 Daisy Disc 5750 siaspot for wet sanding 125pcs		F 03E 008 TH1	1500	35	GSS 12V-32, GEX 12V-32
		F 03E 008 TH3	2000	35	GSS 12V-32, GEX 12V-32
		F 03E 008 TH4	2500	35	GSS 12V-32, GEX 12V-32
		F 03E 008 TH2	3000	35	GSS 12V-32, GEX 12V-32
		F 03E 008 TH0	5000	35	GSS 12V-32, GEX 12V-32
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 8ZN	800	80	GEX12V-77
Hook & Loop Fine Sanding Foam Discs 7940 siaair 10pcs		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

4 CORDLESS RIVET GUN



GRG 18V-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

When the “Jaws Checking Reminder” is active (activation via the App), you can track the maintenance schedule of the jaws inside the tool



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	GRG 18V-16 C
Rated voltage [V]	18
Motor	Brushless
Pulling force [N]	16,000
Stroke length [mm]	25
Rivet diameter [mm]	2,7
Weight, excl. battery [kg]	1.6
Weight, incl. battery [kg]	2.1
Tool length with mandrel container [mm]	290
Tool length w/o mandrel container [mm]	220
Tool height [mm]	243
Tool width [mm]	67

5

BOSCH CORDLESS TECHNOLOGY PRE-PROGRAMMED FOR MAXIMUM EFFICIENCY

ProCORE18V 4.0 Ah battery pack

The power of a standard rechargeable battery in a highly compact design with minimal weight:

- The new cell technology delivers the same performance as standard 4.0 Ah batteries, with an optimised size and minimal weight
- Compatible since 2008: All of our batteries are compatible with new and existing Bosch Professional tools in the same voltage class.
- COOLPACK 2.0 technology provides superior heat dissipation for a 135% longer service life than standard batteries

The ProCORE18V 4.0Ah Professional is the lightest and most compact rechargeable battery from the Bosch ProCORE18V range. Designed with optimised dimensions and minimal weight, it features the latest generation of cell technology, which delivers the same performance as a standard 4.0 Ah rechargeable battery. What's more, it's compatible with all new and existing Bosch Professional 18-volt tools and chargers (Professional 18V System), making it a highly flexible solution.

The battery is also equipped with COOLPACK 2.0 technology, which ensures superior heat dissipation from the interior of the battery to its exterior. Because this heat would otherwise damage the cells, this means that the COOLPACK 2.0 technology ensures an impressive 135% battery service life in comparison to standard rechargeable batteries, which in turn allows for longer operating times.

The ProCORE18V 4.0Ah Professional is a lithium-ion battery with a state of charge indicator.

COOL PACK

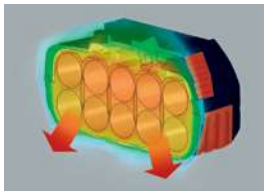
Bosch CoolPack for up to 100 % longer service life

FLEXIBLE POWER SYSTEM

100% compatibility within the 18-volt range

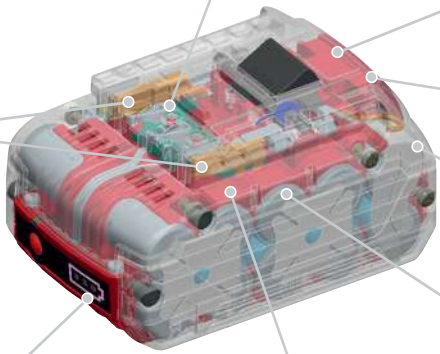


Longest runtimes and extended service life thanks to **Cool**Pack

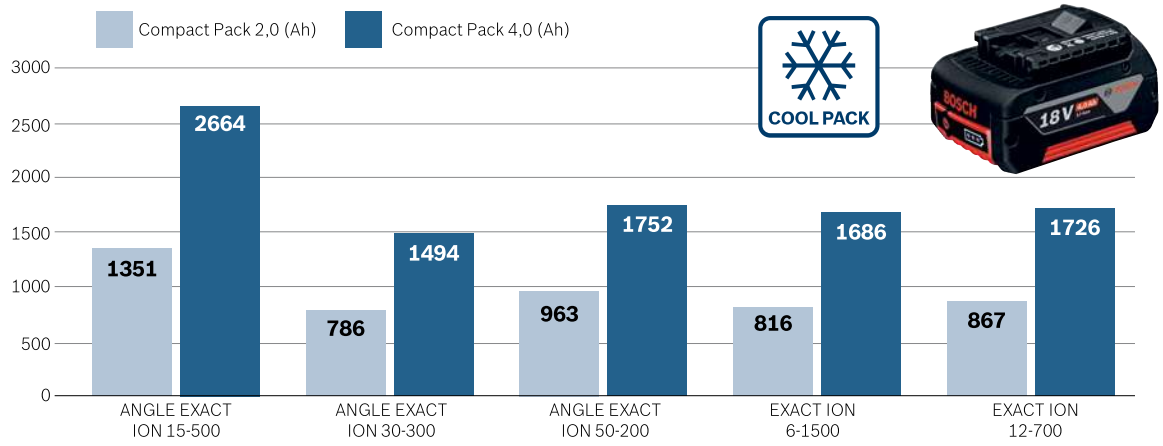


The red **Cool**Pack housing is made from thermally conductive material for up to 100 % longer service life, in comparison to a Bosch rechargeable battery without **Cool**Pack. Bosch **Cool**Pack ensures balanced heating and reduces overheating!

COOL PACK



Number of screw connections per battery charge



Results of endurance test from 02/2013, with maximum torque and a medium-hard screwdriving application with 80° rotation angle, measured from a threshold moment of 50 %, with screw size M8

BATTERY PACKS AND CHARGERS FOR EXACT AND ANGLE EXACT LITHIUM-ION

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 EPT (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

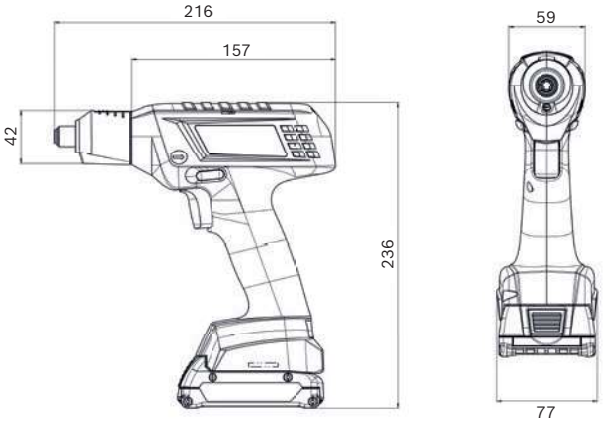
18 V lithium-ion battery packs and chargers

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

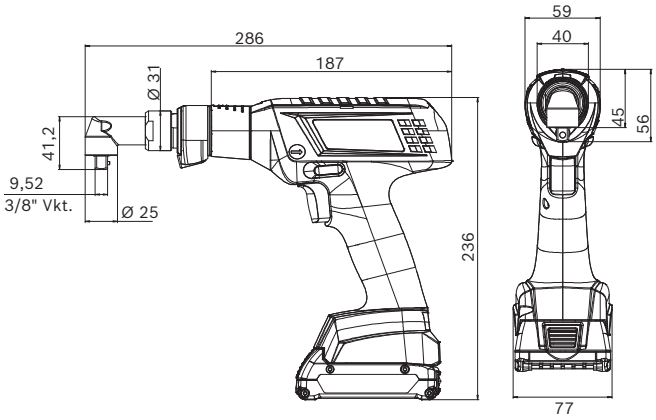
Lithium-ion quick charger		Order number	Description	Voltage (V)	Weight as per EPTA (kg)
GAL 1880 CV Charges the GBA 18 V/2.0 Ah in 30 minutes and the GBA 18 V/5.0 Ah in 45 minutes completely to 100%.		0 602 494 035	Charger GAL 1880 CV, pack of 18	230	18 x 0.7
		0 602 494 036	Charger GAL 1880 CV, pack of 18 (UK plug)	230	18 x 0.7
GAL 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%.		0 602 494 039	Charger GAL 18V-40, pack of 18	230	18 x 0.55
		0 602 494 041	tbd	230	18 x x.xx

DIMENSIONAL DRAWINGS

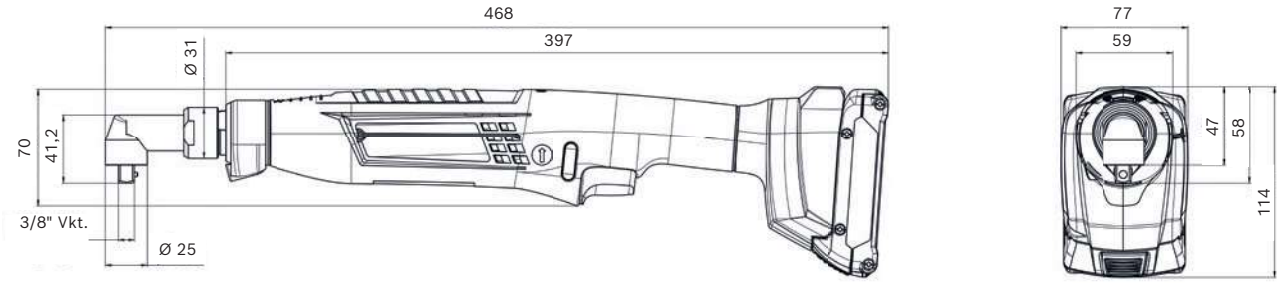
EXACT ION 18V
Dimensions in mm



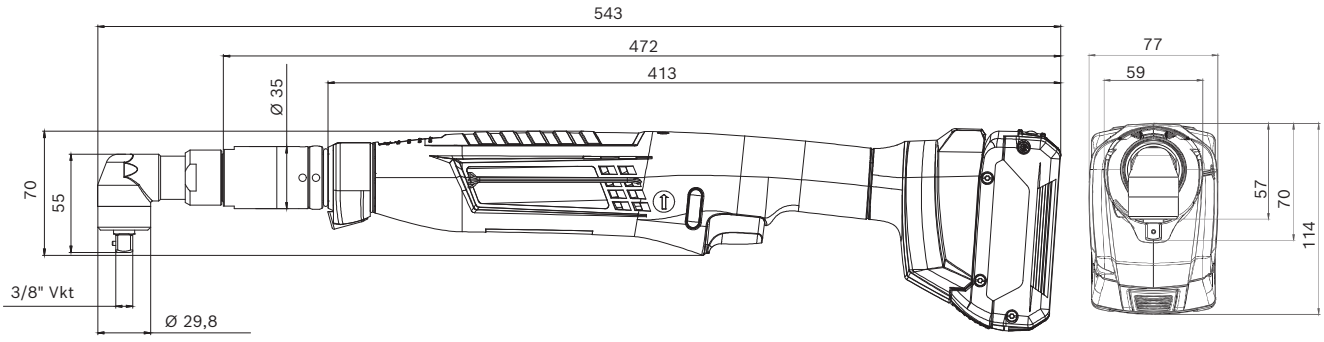
EXACT ION WK 18V
Dimensions in mm



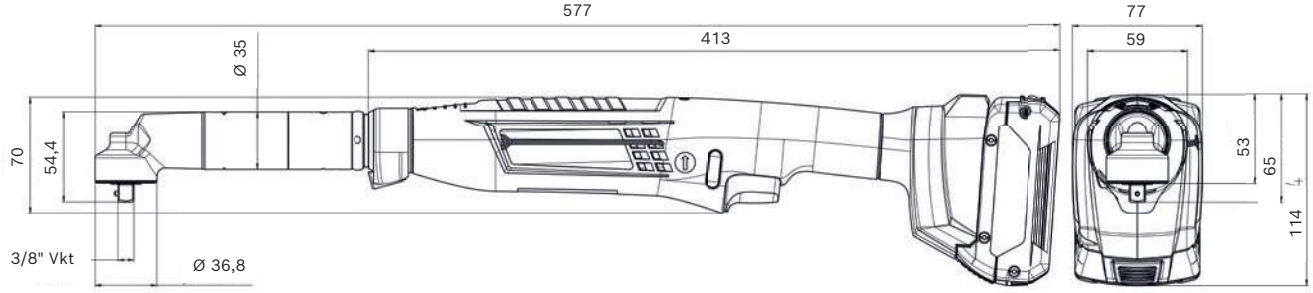
ANGLE EXACT ION 18V model: 15-500 and 8-1100 Dimensions in mm



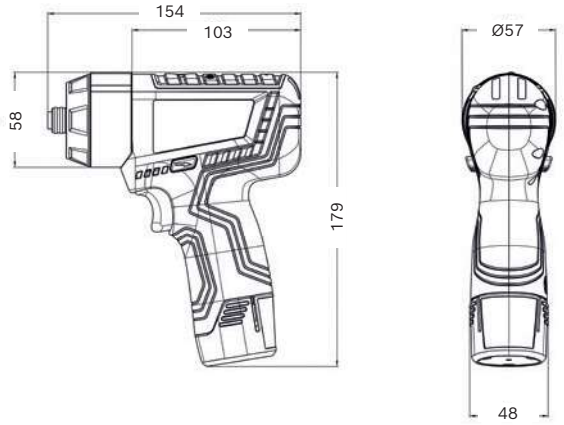
ANGLE EXACT ION 18V model: 23-380 and 30-290 Dimensions in mm



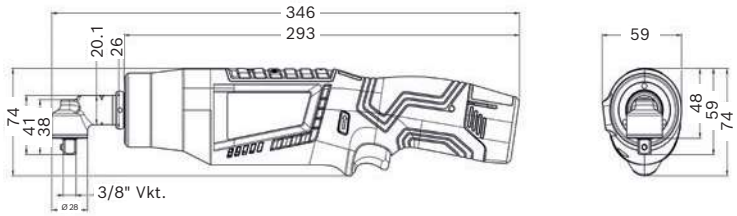
ANGLE EXACT ION model: 30-300, 40-220, 50-200 and 60-120 Dimensions in mm



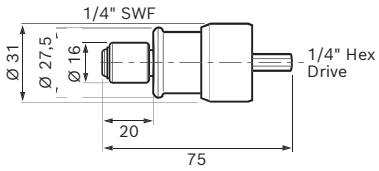
EXACT 12V
Dimensions in mm



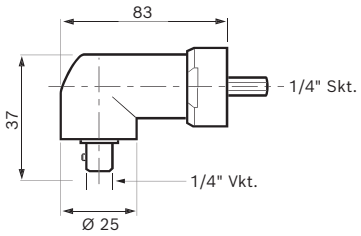
ANGLE EXACT 12V
Dimensions in mm



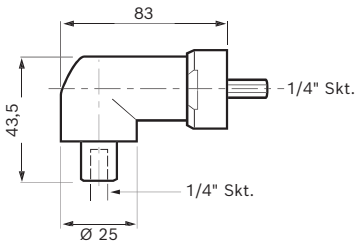
0 607 453 631 Dimensions in mm



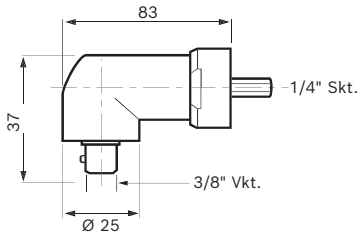
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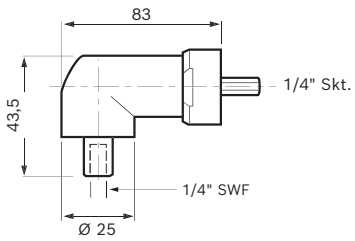
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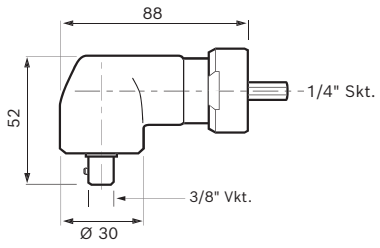
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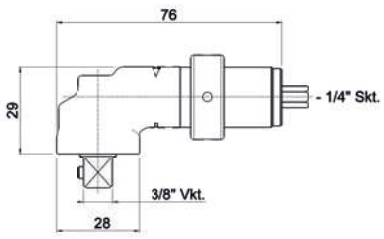
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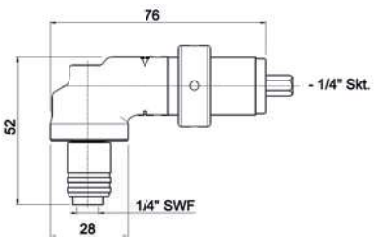
0 607 451 618 Dimensions in mm



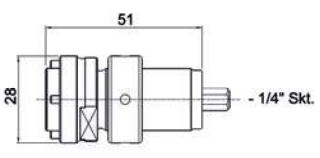
0 602 496 020 Dimensions in mm



0 602 496 021 Dimensions in mm

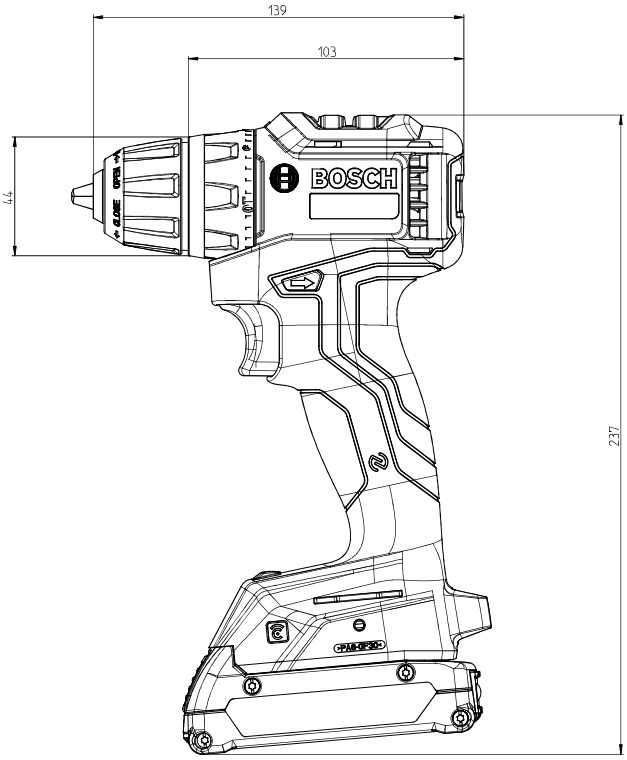


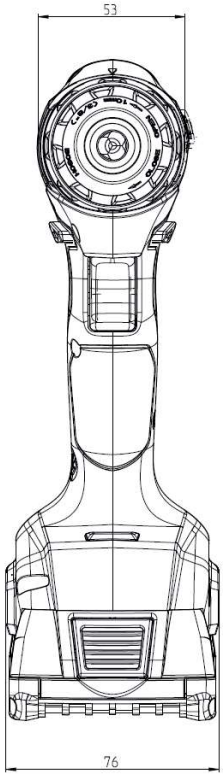
0 602 496 022 Dimensions in mm



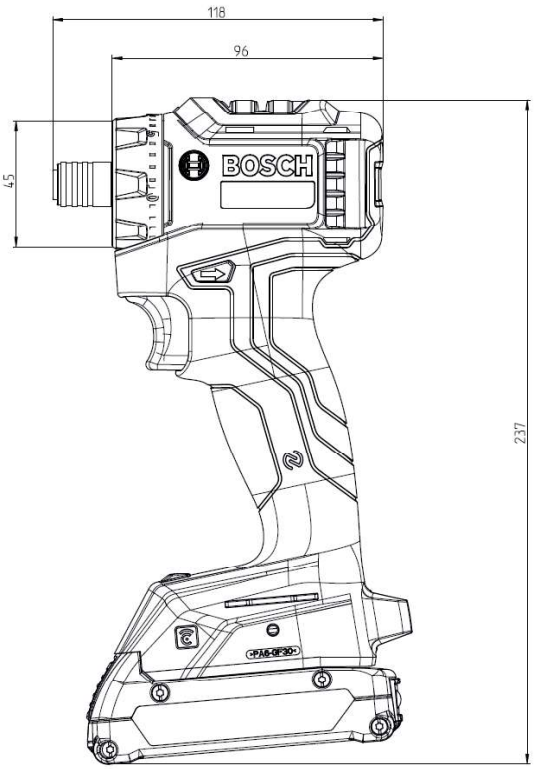
6 DIMENSIONAL DRAWINGS

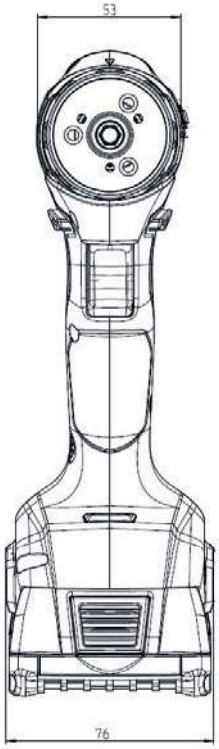
ISR 18V-30 P
Dimensions in mm



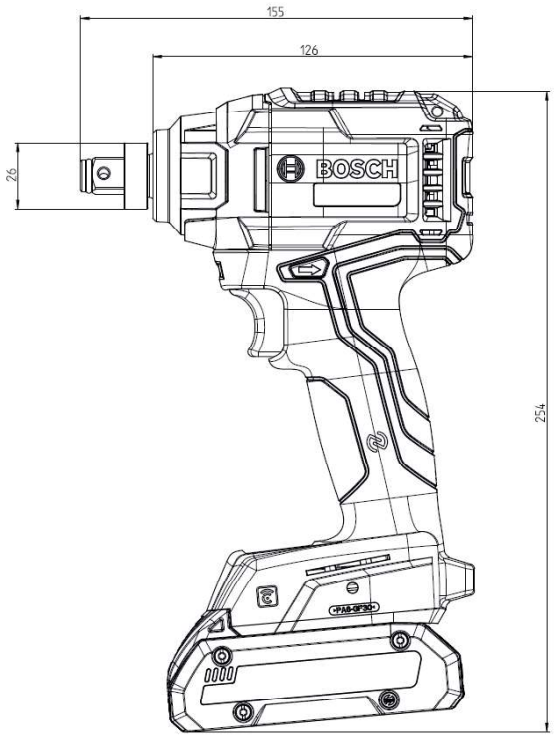


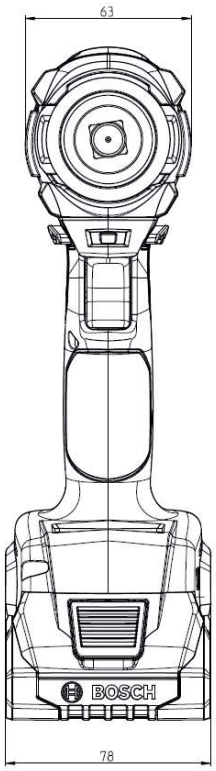
ISR 18V-30 PHX
Dimensions in mm





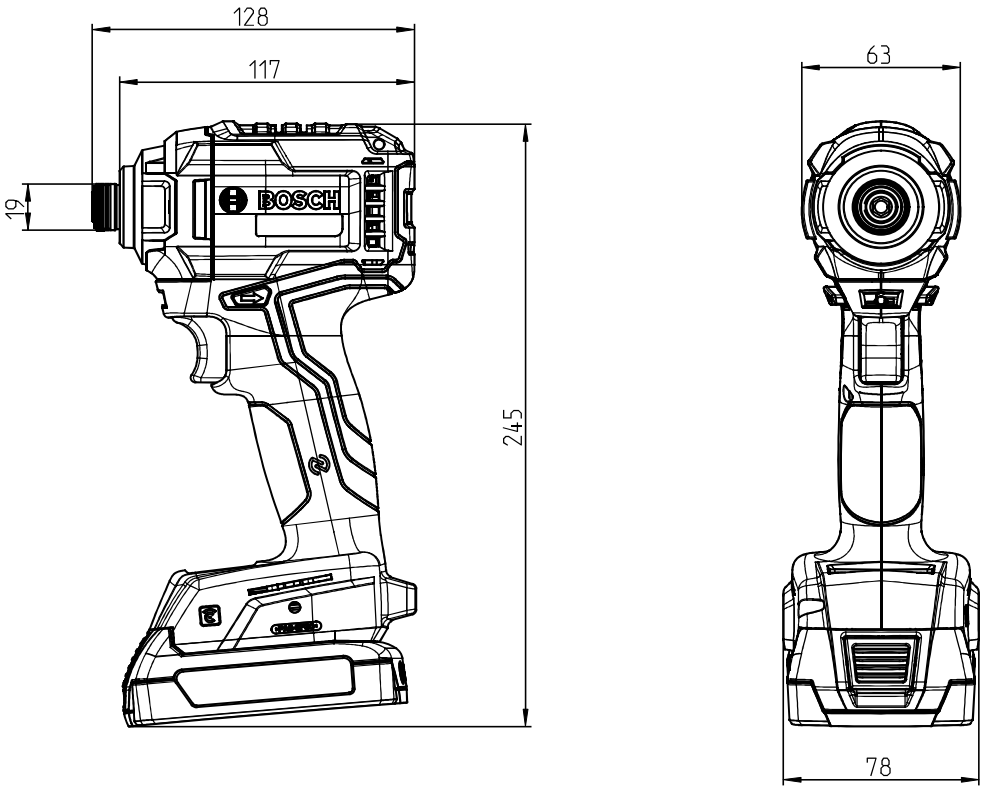
IDS 18V-200 T
Dimensions in mm



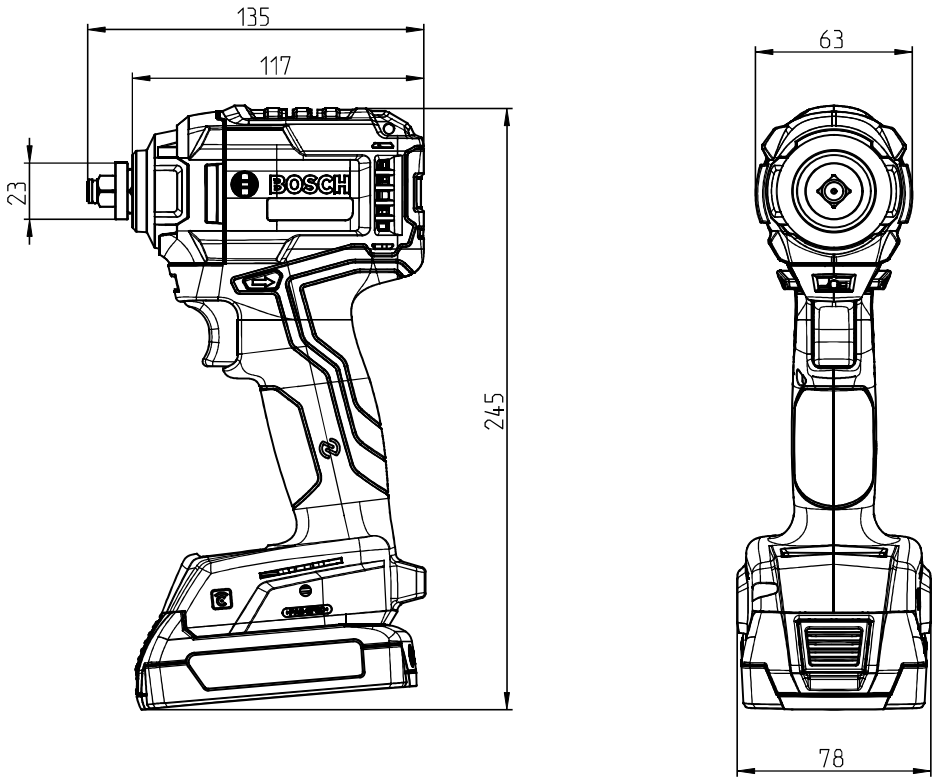


6 DIMENSIONAL DRAWINGS

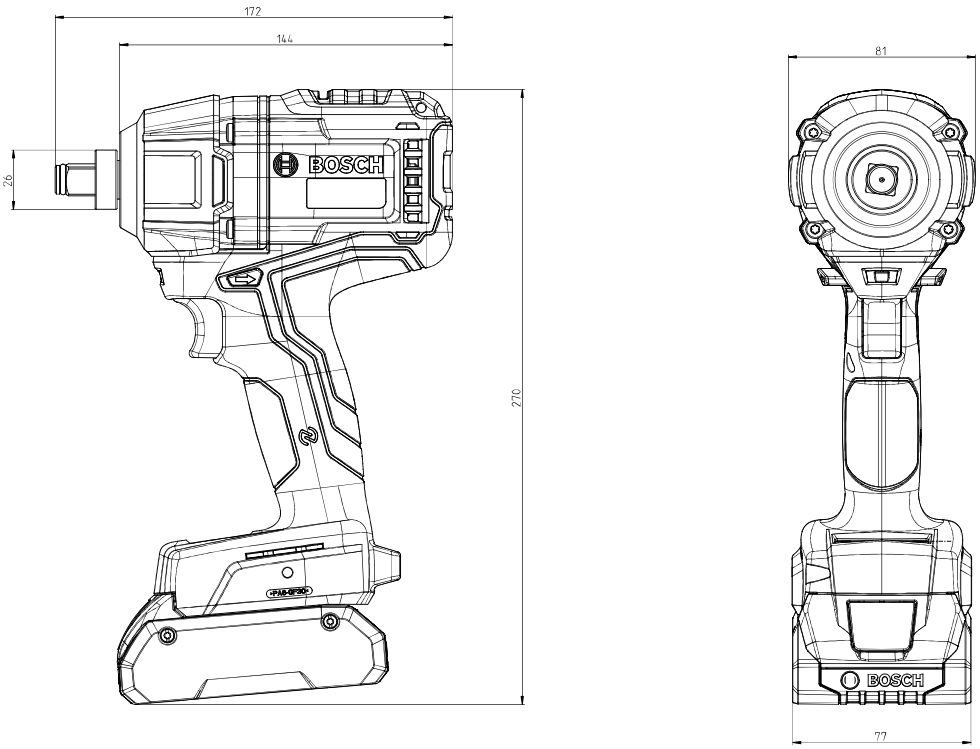
IDR 18V-125 T
Dimensions in mm



IDS 18V-125 T
Dimensions in mm



IDS 18V-650 T
Dimensions in mm



7

REFERENCE VALUES FOR TIGHTENING TORQUES

Reference values for maximum screw tightening torques in Nm. Assumed underhead friction μ_{tot} = 0125, 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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