

**STANLEY**  
Engineered Fastening



**STANLEY**  
Assembly Technologies

CORDLESS TOOL SYSTEMS  
for Precision Threaded Fastening

# Cordless Pistol Grip Tools

## BENEFITS

- Ergonomic and durable design
- Compact and lightweight
- Low spare part costs with common gearing and outputs to STANLEY Corded Tools
- Ideal for a wide range of handheld, low-torque screw driving applications

## TECHNICAL FEATURES

- Cordless Communication via IEEE 802.11 a/b/g/n
  - » 2.4 GHz to QBE Expert (QB4101), QBE Specialist (QB5100), or Network Node (QB0201)
  - » 5 GHz to customer supplied remote access points
- IEEE 802.15.4, 2.4 GHz wireless option communication to Network Node (QB0301) or QBE Specialist (QB5300)
- Accurate transducer control
- High efficiency, brushless motor
- Operator aided visual and audible feedback
- Controller INSIDE the tool
  - Data storage of 500 fastening cycles and two traces*
  - 16 Jobs / 16 Tasks / 4 Steps*
- Barcode Scanner option
- DEWALT 20V (18V outside North America) Platform



**B12PB** ▶  
Pistol Style



**B12PP** ▶  
Push-to-Start Style

Page 14:  
Battery Packs & Chargers

Model	Rated Speed		Torque		"R" Side to Center		"L" Length w/ 5Ah Battery		Weight w/ 5Ah Battery		Weight w/o Battery		Output	
	RPM		Nm	lb ft	mm	in	mm	in	kg	lb	kg	lb	Standard	Options
Pistol	B12PB-5	1257	5	3.7	20	0.8	265	10.43	1.55	3.4	0.96	2.1	1/4" QC	1/4" or 3/8" SD
	B12PB-8	873	8	5.9	20	0.8	265	10.43	1.55	3.4	0.96	2.1	1/4" QC	1/4" or 3/8" SD
	B12PB-11	602	11	8.1	20	0.8	265	10.43	1.55	3.4	0.96	2.1	1/4" QC	1/4" or 3/8" SD
	B12PB-15	375	15	11.1	20	0.8	252	9.92	1.55	3.4	0.96	2.1	1/4" QC	1/4" or 3/8" SD
Push-to-Start	B12PP-5	1257	6	3.7	20	0.8	265	10.43	1.55	3.4	0.96	2.1	1/4" QC	1/4" or 3/8" SD
	B12PP-8	873	9	5.9	20	0.8	265	10.43	1.55	3.4	0.96	2.1	1/4" QC	1/4" or 3/8" SD
	B12PP-11	602	14	8.1	20	0.8	265	10.43	1.55	3.4	0.96	2.1	1/4" QC	1/4" or 3/8" SD



THE STANLEY ADVANTAGE:  
One of the Lightest Weight Cordless Tools in this Product Class

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Battery Packs & Chargers

# Cordless Lever Style Tools

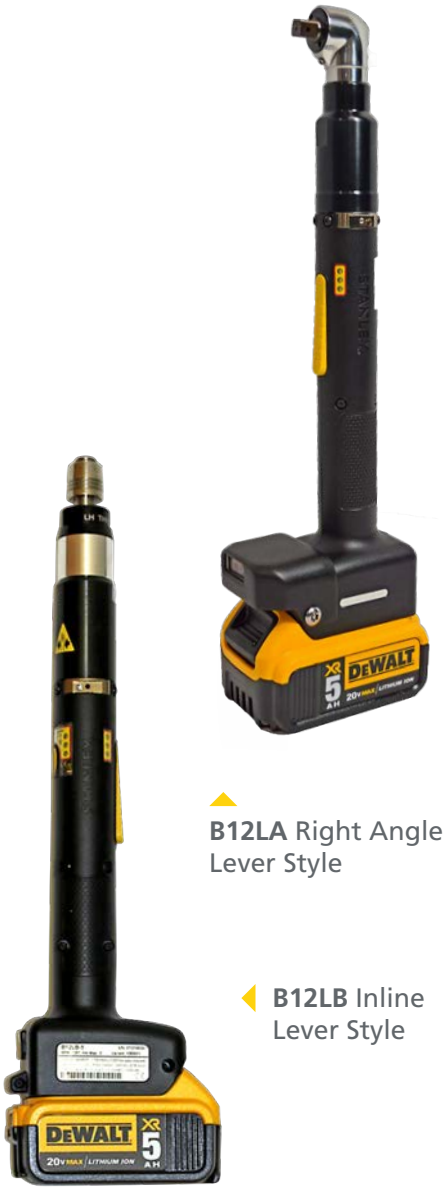
### BENEFITS

- Ergonomic and durable design
- Compact and lightweight
- Low spare part costs with common gearing and outputs to STANLEY Corded Tools
- Ideal for hard-to-reach, enclosed, overhead applications; interior assembly and installations; electronic assembly benches; and repair and rework stations.

### TECHNICAL FEATURES

- Cordless Communication via IEEE 802.11 a/b/g/n
  - » 2.4 GHz to QBE Expert (QB4101), QBE Specialist (QB5100), or Network Node (QB0201)
  - » 5 GHz to customer supplied remote access points
- IEEE 802.15.4, 2.4 GHz wireless option communication to Network Node (QB0301) or QBE Specialist (QB5300)
- Accurate transducer control
- High efficiency, brushless motor
- Operator aided visual and audible feedback
- Controller INSIDE the tool
  - Data storage of 500 fastening cycles and two traces*
  - 16 Jobs / 16 Tasks / 4 Steps*
- Barcode Scanner option
- DEWALT 20V (18V outside North America) Platform

Page 14: Battery Packs & Chargers



B12LA Right Angle Lever Style

B12LB Inline Lever Style



Inline Head (B12LB)

Same Gearing / Output as Corded Tools



Multi-function Display Panel

High Efficiency Brushless Motor

Ergonomic Lever Start Trigger

Comfort Grip Handle

Integrated Digital Control Circuit (Inside Handle)

Micro-USB Port (Back of Handle)

Battery Pack Release Button

Battery Pack

THE STANLEY ADVANTAGE:  
**STANLEY offers the only INLINE Cordless Tool in this class**

Model	Rated Speed		Torque		"R" Side to Center		"H" Head Height		"L" Length w/ 4Ah Battery		Weight w/ 4Ah Battery		Weight w/o Battery		Output	
	RPM	Nm	lb ft	mm	in	mm	in	mm	in	kg	lb	kg	lb	Standard	Options	
B12LA13-8	838	8	5.9	13	0.5	33.2	1.3	386.1	15.2	1.65	3.65	1.04	2.3	3/8" SD	1/4" SD, 1/4" QC or Flush	
B12LA13-11	582	11	8.1	13	0.5	33.2	1.3	386.1	15.2	1.65	3.65	1.04	2.3	3/8" SD	1/4" SD, 1/4" QC or Flush	
B12LA13-16	401	16	11.8	13	0.5	33.2	1.3	386.1	15.2	1.65	3.65	1.04	2.3	3/8" SD	Flush	
B12LB-5	1257	5	3.7	17.8	0.7			423.5	16.7	1.61	3.55	0.98	2.15	1/4" QC	1/4" or 3/8" SD	
B12LB-8	873	8	5.9	17.8	0.7	N/A		423.5	16.7	1.61	3.55	0.98	2.15	1/4" QC	1/4" or 3/8" SD	
B12LB-11	602	11	8.1	17.8	0.7			423.5	16.7	1.61	3.55	0.98	2.15	1/4" QC	1/4" or 3/8" SD	

# Cordless Lever Style Tools

## BENEFITS

- Ergonomic and durable design
- Compact and lightweight
- Low spare part costs with common gearing and outputs to STANLEY Corded Tools
- Available in specialty outputs: offset, crowfoot, tube nut, hold and drive, safe hold and drive and push-to-start

## TECHNICAL FEATURES

- Cordless Communication via IEEE 802.11 a/b/g/n
  - » 2.4 GHz to QBE Expert (QB4101), QBE Specialist (QB5100), or Network Node (QB0201)
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- DEWALT 20V (18V outside North America) Platform

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Battery Packs & Chargers



Same Gearing / Output as STANLEY Corded Tools



Multi-function Display Panel

Ergonomic Lever Start Trigger

Angle Head Output  
(See page 15 for Specialty Outputs)

High Efficiency Brushless Motor

Multifunction Button (MFB)

Comfort Grip Handle

Integrated Digital Control Circuit  
(Inside Handle)

Micro-USB Port  
(Back of Handle)

Battery Pack Release Button

Battery Pack



Model	Rated Speed		Torque		"R" Side to Center		"H" Head Height		"L" Length w/ 4Ah Battery		Weight w/ 4Ah Battery		Weight w/o Battery		Output	
	RPM		Nm	lb ft	mm	in	mm	in	mm	in	kg	lb	kg	lb	Standard	Options
B23LA13-12	665		12	8.8	13	0.5	33.2	1.3	537.4	21.2	2.41	5.3	1.74	3.8	3/8" SD	1/4" QC or Flush
B23LA13-17	460		17	12.5	13	0.5	33.2	1.3	537.4	21.2	2.41	5.3	1.74	3.8	3/8" SD	1/4" QC or Flush
B23LA15-23	370		23	17	15	0.59	39.9	1.57	552.5	21.75	2.58	5.7	1.95	4.3	3/8" SD	1/2" SD or Flush
B23LA15-35	230		35	25.8	15	0.59	39.9	1.57	567.7	22.35	2.65	5.8	1.98	4.4	3/8" SD	1/2" SD or Flush
B23LA18-42	180		42	31	18	0.71	39.9	1.57	563.2	22.2	2.83	6.2	2.11	4.6	3/8" SD	1/2" SD or Flush
B23LA19-52	155		52	38.3	19	0.75	47.8	1.9	592.7	23.4	2.99	6.6	2.32	5.1	1/2" SD	
B23LA19-70	140		70	51.6	19	0.75	47.8	1.9	653.2	25.72	3.61	7.9	2.95	6.5	1/2" SD	
B23LA22A-95	105		95	70	22	0.87	47.9	1.9	660	26.0	3.61	7.9	2.95	6.5	1/2" SD	

# Cordless Lever Style Tools

## BENEFITS

- Fastest tool average over entire torque range
- Less battery changes and downtime with the greatest amount of energy per battery (180 Watt-Hours)
- The ONLY 60V cordless tool available on the market
- Low spare part costs with common gearing and outputs to STANLEY Corded Tools
- Available in specialty outputs: offset, crowfoot, tube nut, hold and drive, safe hold and drive and push-to-start

## TECHNICAL FEATURES

- Cordless Communication via IEEE 802.11 a/b/g/n
  - » 2.4 GHz to QBE Expert (QB4101), QBE Specialist (QB5100), or Network Node (QB0201)
  - » 5 GHz to customer supplied remote access points
- IEEE 802.15.4, 2.4 GHz wireless option communication to Network Node (QB0301) or QBE Specialist (QB5300)
- Accurate transducer control
- High efficiency, brushless motor
- Operator aided visual and audible feedback
- Controller INSIDE the tool
  - Data storage of 500 fastening cycles and two traces*
  - 16 Jobs / 16 Tasks / 4 Steps*
- Barcode Scanner option
- DEWALT 60V (54V outside North America) Platform



◀ B33LA Right Angle Lever Style



Same Gearing / Output as STANLEY Corded Tools

**Angle Head Output**  
(See page 15 for Specialty Outputs)

THE STANLEY ADVANTAGE:  
**STANLEY** offers the only 60V / 54V (in Europe) Cordless Tool in the industry

High Efficiency Brushless Motor



Multi-function Display Panel

Multifunction Button (MFB)

Ergonomic Lever Start Trigger

Comfort Grip Handle

Barcode Scanner or 802.15. GHz Wireless option module

Integrated Digital Control Circuit  
(Inside Handle)

Battery Pack Release Button

Micro-USB Port  
(Back of Handle)

Battery Pack



Model	Rated Speed		Torque		"R" Side to Center		"H" Head Height		"L" Length w/ 60V 2Ah Battery		Weight w/ 60V 2Ah Battery		Weight w/o Battery		Output	
	RPM	Nm	lb ft	mm	in	mm	in	mm	in	kg	lb	kg	lb	Standard	Options	
B33LA13-14	1698	14	10.3	13	0.5	33.2	1.3	561.7	22.1	2.77	6.1	1.72	3.8	3/8" SD	1/4" QC, 1/4" SD, 12mm Max Flush Socket, 3/8" Double Ended RH or LH	
B33LA13-18	1372	18	13.3	13	0.5	33.2	1.3	561.7	22.1	2.77	6.1	1.72	3.8	3/8" SD	1/4" QC, 1/4" SD, 12mm Max Flush Socket, 3/8" Double Ended RH or LH	
B33LA15-25	959	25	18.5	15	0.59	39.9	1.57	576.8	22.7	2.99	6.6	1.95	4.3	3/8" SD	13mm Max Flush Socket	
B33LA15-40	525	40	29.5	15	0.59	39.9	1.57	592	23.3	3.04	6.7	2.0	4.4	3/8" SD	13mm Max Flush Socket	
B33LA18-48	455	48	35.4	18	0.71	39.9	1.57	587.5	23.1	3.13	6.9	2.09	4.6	3/8" SD	16mm Max Flush Socket, 3/8" Double Ended	
B33LA19-55	439	55	40.6	19	0.75	47.8	1.9	617	24.3	3.36	7.4	2.31	5.1	1/2" SD	17mm Max Flush Socket, 1/2" Double Ended	
B33LA19-70	356	70	51.6	19	0.75	47.8	1.9	677.5	26.7	3.99	8.8	2.95	6.5	1/2" SD	17mm Max Flush Socket, 1/2" Double Ended	
B33LA22A-95	237	95	70	22	0.87	47.9	1.9	685.2	27.0	4.17	9.2	3.13	6.9	1/2" SD	19mm Max Flush Socket, 1/2" Double Ended	

## Cordless Lever Style Tools

### BENEFITS

- Fastest tool average over entire torque range
- Less battery changes and downtime with the greatest amount of energy per battery (180 Watt-Hours)
- The ONLY 60V cordless tool available on the market
- Low spare part costs with common gearing and outputs to STANLEY Corded Tools
- Available in specialty outputs: offset, crowfoot, tube nut, hold and drive, safe hold and drive and push-to-start

### TECHNICAL FEATURES

- Closed Loop Transducer Control
- Tested to ISO 5393 Standards
- Same Transducers, Gearing and Outputs as our Corded Product Line
- Same High Efficiency Brushless Motor as our EB Corded Tools, Redesigned for Lower Voltage
- Powered by the DeWalt Battery Platform
- Cordless Communication via IEEE 802.11 a/b/g/n
  - » 2.4 GHz to QBE Expert (QB4101), QBE Specialist (QB5100), or Network Node (QB0201)
  - » 5 GHz to customer supplied remote access points
- Visual and Audible Operator Feedback
- Programming via Onboard Micro USB Port w/ Alpha Toolbox Suite
- Controller INSIDE the tool
  - Data storage of 500 fastening cycles and two traces*
  - 16 Jobs / 16 Tasks / 4 Steps*
- Autonomous Operation Mode
- Bar Code Scanner Option
- IEEE 802.15.4, 2.4 GHz wireless option communication to Network Node (QB0301) or QBE Specialist (QB5300)
- Available with Specialty Outputs: Crowfoot, Tubenut and Hold and Drive

B44L Angle Lever Style



Model	Rated Speed		Torque		"R" Side to Center		"H" Head Height		"L" Length w/ 60V 2Ah Battery		Weight w/ 60V 2Ah Battery		Weight w/o Battery		Output
	RPM		Nm	lb ft	mm	in	mm	in	mm	in	kg	lb	kg	lb	
B44LA19-55	573		55	40.5	19.15	0.754	48.72	1.92	707.88	27.87	4.98	10.97	3.94	8.69	1/2" SD
B44LA19-70	425		70	51.6	19.15	0.754	48.72	1.92	707.88	27.87	4.98	10.97	3.94	8.69	1/2" SD
B44LA22A-95	328		95	70	22.32	0.879	50.48	1.99	715.57	28.17	5.15	11.35	4.11	9.06	1/2" SD
B44LA22A-120	243		120	88.5	22.32	0.879	50.48	1.99	715.57	28.17	5.15	11.35	4.11	9.06	1/2" SD

## QBE Expert – Multi-Spindle Controller

### BENEFITS

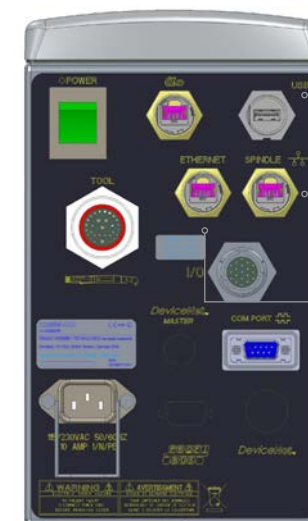
- Large Touchscreen, Color Display and Keypad
- Quick Set-up from the Controller Keypad, or with a PC, tablet, or smart phone
- Alpha Toolbox, STANLEY's web-based software for programming, collecting data and performing diagnostics
- Less training, less inventory and spare parts: STANLEY offers the same Controller platform for Cordless B-Series Battery Tools as well as Corded Handheld and Fixed EB-Series, E-Series and EA-Series Tools

### TECHNICAL FEATURES

- Support one corded tool directly
- One Network Connection for Multiple Spindles
- Manages a total of 24 spindles
- A maximum of 15 STANLEY Cordless Connections
- Serial port
- USB port
- Emulated PLC Function
- 8 In/ 8 Out – 24V I/O
- Embedded Modbus TCP
- Fieldbus options: Profibus, Profinet, DeviceNet and Ethernet IP
- Simple or advanced error proofing



QB4101 Multi-spindle Controller



Plant Network Connection

Spindle Network for Cordless Tools

Minimizes plant connections through a single point interface to the plant network

Emulated PLC Function



CONNECT with PC, Tablet or Smart Phone (802.11 only)



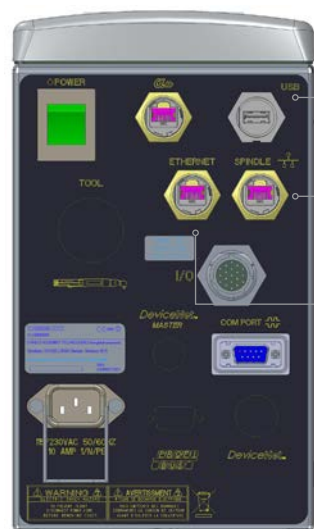
**NEW!** QB5100 Cordless Controller with LCD and Keypad

**BENEFITS**

- Large Touchscreen, Color Display and Keypad
- Quick Set-up from the Controller Keypad, or with a PC, tablet, or smart phone
- Alpha Toolbox, STANLEY’s web-based software for programming, collecting data and performing diagnostics
- Less training, less inventory and spare parts: STANLEY offers the same Controller platform for Cordless B-Series Battery Tools.

**TECHNICAL FEATURES**

- Manages a total of 24 spindles
- One Network Connection for Multiple Spindles (requires a Node for each Corded Spindle)
- A maximum of 15 STANLEY Cordless Connections
- Serial port
- USB Port
- Emulated PLC Function
- 8 In and 8 Out – 24V DC I/O
- Embedded Modbus TCP
- Fieldbus Options: Profibus, Profinet, DeviceNet and Ethernet IP
- Simple or advanced error proofing
- IEEE 802.11 b/g/n WIFI
- IEEE 802.15.4 Option



Plant Network Connection

Spindle Network for Cordless Tools

Minimizes plant connections through a single point interface to the plant network

Emulated PLC Function



CONNECT with PC, Tablet or Smart Phone (802.11 only)



**QB0301 IEEE 802.15.4**  
Can manage One STANLEY Cordless Tool



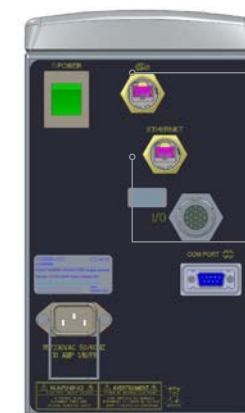
**QB0201 IEEE 802.11**  
Can manage up to 6 STANLEY Cordless Tools

**BENEFITS**

- Simplified User Interface
- Quick set-up with a PC, tablet, or smart phone
- Alpha Toolbox, web-based software for set-up, programming, collecting data and performing diagnostics
- Same QPM Controller platform for B-Series Battery Tools as well as EB-Series, E-Series and EA-Series Corded Tools

**TECHNICAL FEATURES**

- One-to-One Wireless Connection on QB0301
- Up to 6 QPM Cordless Tools on QB0201
- IEEE 802.15.4, wireless option communication to Network Node (QB0301)

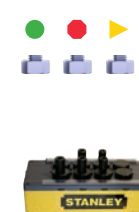


Manages up to 6 spindles (cordless)

Minimizes plant connections through a single point interface to the plant network

Emulated PLC Function

**24V INPUT/OUTPUT ENABLES SOCKET TRAY AND ALARMS FOR ERROR PROOFING**



- Error proofing I/O assures the job cannot inadvertently leave the station unless fastened as specified.
- Socket Tray for error proofed fastening job selection enables a single tool to reliably assemble joints of different target torque levels



CONNECT with PC, Tablet or Smart Phone (802.11 only)

**DEWALT LITHIUM BATTERIES AND CHARGERS**

- DEWALT 20V, 2 Ah and 5 Ah (18 Volt, 5Ah European Model) Platform  
Up to 2,200 fastening cycles per charge for 5 Ah\*  
3-LED Fuel Gauge indicator for immediate feedback on state of charge
- DEWALT 60V, 2 Ah and 3 Ah (54 Volt, 2 Ah European Model) Platform  
Up to 3,300 fastening cycles per charge for 2 Ah\*  
3-LED Fuel Gauge indicator for immediate feedback on state of charge

\*Dependent on application and joint rate

STANLEY Assembly Technologies cordless tools ship with one battery pack and one charger (*North America only*). Additional battery packs and chargers may be ordered separately:

	ITEM	DESCRIPTION
N. AMERICA (NA)	21R209202	20V Battery Pack, 2 Ah
	21R209205	20V Battery Pack, 5 Ah
	21R209402	20V / 60V Battery Charger
	21R209203	60V, 2 Ah / 20V, 6 Ah Battery Pack
	21R209204	60V, 3 Ah / 20V, 9 Ah Battery Pack
EUROPE	N566441	Battery Pack, 18V 2 Ah
	E008 505	Battery Pack, 18V, 5 Ah
	N630880	Charger 18V/54V/SINGLE/DCB118-QW
	N630919	Battery 54V, 2 Ah/18V, 6 Ah -108Wh-DCB546-XJ
	N630923	Battery 54V, 3 Ah/18V, 9 Ah -162Wh-DCB547-XJ
	N630885	Charger, 18V/54V/SINGLE/DCB118-UK
	N630892	Charger, 18V/54V/DOUBLE/DCB132-Europe
	N630896	Charger, 18V/54V/DOUBLE/DCB132-UK



Shown: 21R209204 — DEWALT 60V, 3 Ah / 20V, 9Ah Battery Pack, NA



Shown: 21R209205 — DEWALT 20V, 5 Ah Battery Pack, NA



Shown: 21R209402 — DEWALT 20V / 60V Battery Charger, NA

**PROTECTIVE BOOT COVERS**



20R215400 for 20V / 5 Ah battery pack

20R215401 for 20V / 2 Ah battery pack

Four output styles and many standard designs enable unique geometries that fit the application.

- Hundreds of Unique Designs From Over 50 Years Experience
- Outputs Matched to the Tool Helps Optimize Performance



**FLUSH ANGLE**



**CROWFOOT**



**TUBENUT**



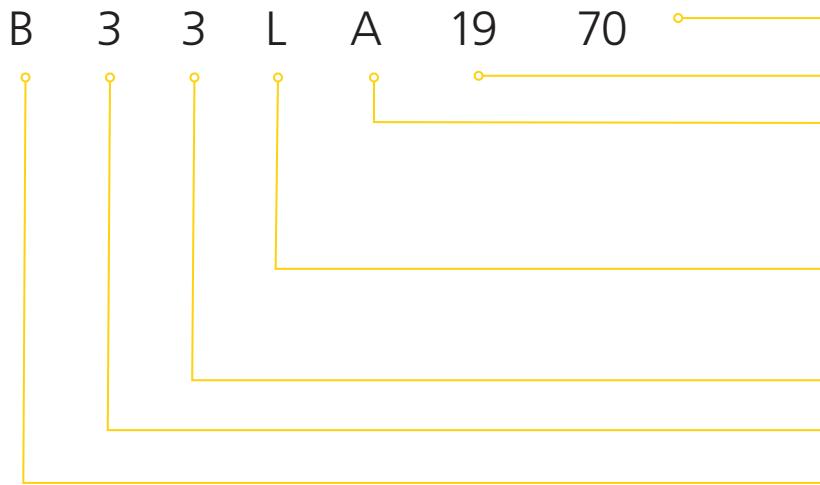
**HOLD and DRIVE**

Hundreds of output designs enable solutions that fit your application.

STANLEY manufactures a complete range of outputs to access all types of threaded fasteners. By controlling both the design of the tool and the output, STANLEY can properly match components in the tool design to help optimize performance and long life. With over 50 years of experience in developing standard and special outputs, STANLEY has the expertise to handle the most challenging fastening requirements.



## How To Order Guide:



**Max Torque (Nm)**

**Head Size / Number**

**Output Type**

A – Angle            H – Hold-n-Drive  
 B – Inline Style    T – Tube Nut  
 C – Crowfoot      P – Push-to-Start

**Trigger Type**

L – Lever Start Style  
 P – Pistol Start Style

**Modular Gear Set\***    2, 3

**Motor Size\***            1, 2, 3

**Power Source**

B – High-Power Electric Brushless  
 Battery Motor

### OPTIONS\*\*

#### Barcode Scanner

<b>B12 Pistol Grip</b>	20H106100
<b>B12 Push-to-Start Pistol</b>	20H106101
<b>B12 Lever Style</b>	20H106300
<b>B23 Lever Style</b>	20H106200
<b>B33 Lever Style</b>	20H106201

#### 802.15.4 Radio

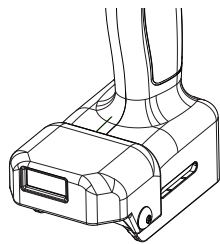
<b>B12 Pistol Grip</b>	20H106102
<b>B12 Push-to-Start Pistol</b>	20H106103
<b>B12 Lever Style</b>	20H106301
<b>B23 Lever Style</b>	20H106202
<b>B33 Lever Style</b>	20H106203

### ACCESSORIES

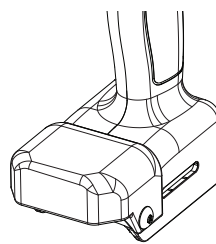
**Programming Cable** | 20C206600

*\*Pistol Start tools are only available in Motor Size 1 and Modular Gear Size 2. Lever Start tools are only available in Motor Size 2 and Modular Gear Size 3.*

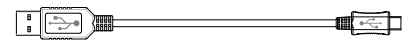
*\*\*QPM Cordless tool can accommodate one option (e.g., a barcode scanner or an IEEE 802.15.4 radio).*



Barcode Scanner Option



802.15.4 Wireless Radio Option



Programming Cable

**STANLEY**  
 Engineered Fastening

Stanley Engineered Fastening — a division of Stanley Black and Decker — is the global leader in precision fastening and assembly solutions. Our industry-leading brands, Avdel®, Integra™, Nelson®, Optia™, POP®, STANLEY® Assembly Technologies, and Tucker®, elevate what our customers create. Backed by a team of passionate and responsive problem-solvers, we empower engineers who are changing the world.

### STANLEY ENGINEERED FASTENING FAMILY OF BRANDS

AVDEL    INTEGRA™    NELSON™    OPTIA™    POP®    STANLEY  
 Assembly Technologies    TUCKER