

STANLEY®
Engineered Fastening



STANLEY®
Assembly Technologies

Selection and Configuration Guide



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The Foundation of Tightening Excellence with STANLEY Assembly Technologies

STANLEY Assembly Technologies was founded in 1963 as a division of The STANLEY Works. Formerly STANLEY Air Tools, STANLEY Assembly Technologies has built a reputation as a leader in delivering high value assembly equipment solutions to customers in multiple industries across the globe.

Located in Cleveland, Ohio, the headquarters of STANLEY Assembly Technologies is proud to say that our precision threaded fastening products are *"Assembled in America with Global Components"*. Our Cleveland facility houses all functional business areas, including, but not limited to, operations, purchasing, customer service, engineering, quality, training, product management, marketing and service and support.

Extending global support and coverage, there are training and application centers in our Cleveland, Ohio facility, our STANLEY Engineered Fastening Automotive North American facility in Troy, Michigan as well as our STANLEY Engineered Fastening Automotive European Headquarters in Germany.

In support of our global customer base, STANLEY Engineered Fastening has sales and service office locations across the globe in France, Germany, Spain, China, India, Japan, Brazil and more.



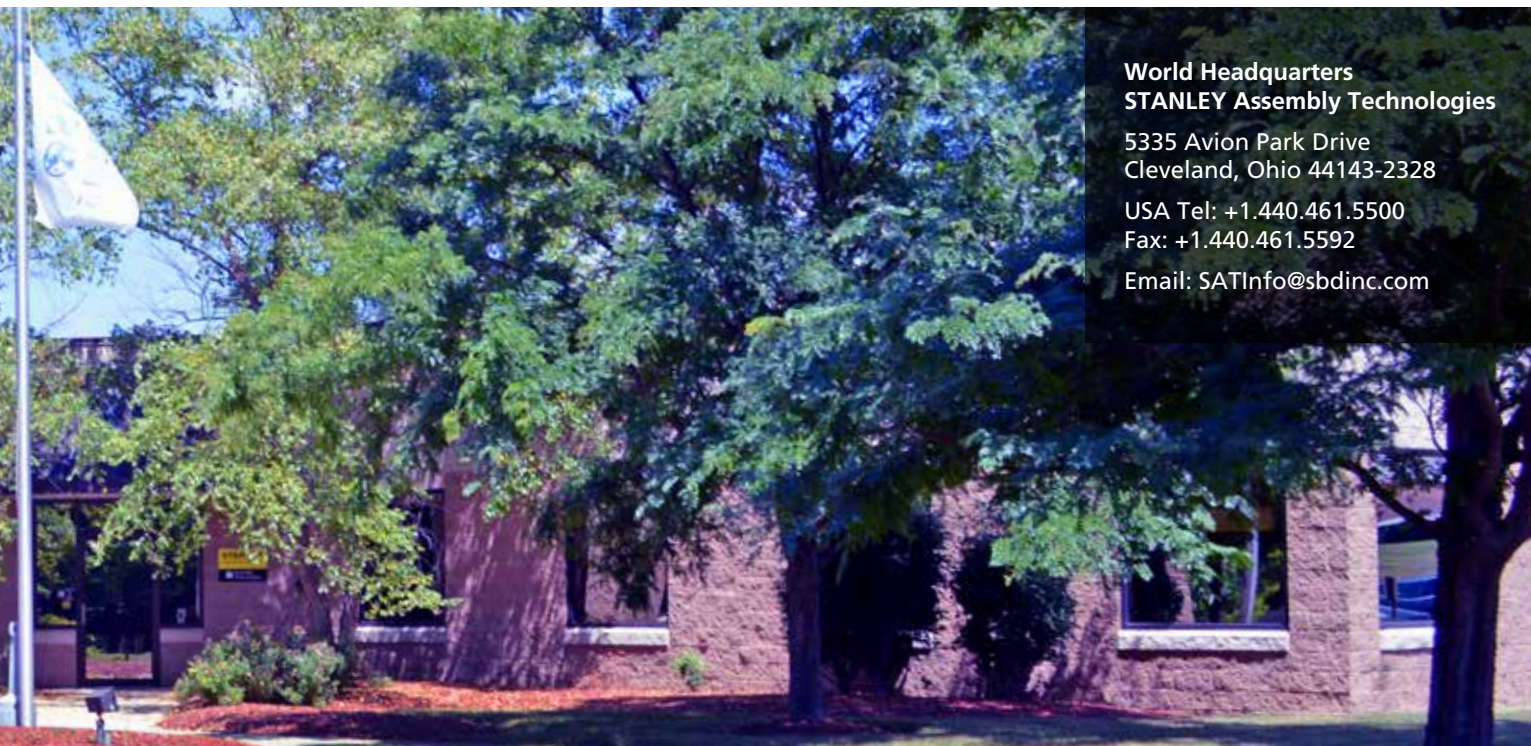
Today, our highly skilled sales and service team works directly with major customers and supports a network of select distributor partners in all global areas. These veteran sales and service engineers are fully qualified to analyze end-user applications and propose the ideal selection of assembly tooling.

Our customers benefit from this experience in the following ways:

- » *Tool and application assistance by factory-trained, experienced sales and service engineers*
- » *Field service by technicians located strategically throughout the world*
- » *Design consultation for your specific application needs to identify or develop the design of the tool and the output to optimize performance and the life of the tool to your application*
- » *Engineered Systems has extensive expertise in the design and build of custom turnkey fastening solutions including automation, semi-automation, multiple spindle nutrunners and Bolt Holding tools, as well as Torque Tube and Articulating Arm systems*

STANLEY's Commitment to Quality:

- » **EXCEED**
Our Customer Expectations
- » **IMPROVE**
Our Company Continuously
- » **LEAD**
Our Industry



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About STANLEY Fastening



Ergonomic multi-finger triggers, handle size and high power-to-weight ratios make our tools user friendly and preferred by operators. Our tools are designed with the operator in mind.

ERGONOMIC BY DESIGN

As a major supplier of power tools to industrial manufacturing facilities worldwide, STANLEY Assembly Technologies has been involved in ergonomics since our inception in 1963.

Ergonomic multi-finger triggers, handle size and high power-to-weight ratios make our tools user friendly and preferred by operators. Our tools are designed with the operator in mind.

From patented clutch designs in our air tools to patented speed control algorithms for DC Electric tools, we are continuously finding new ways to reduce the torque reaction impulse felt by the operator of our direct-drive tools.

We also offer a complete line of articulating arms and balance devices to provide alternative solutions to torque reaction strain on operators.

Our pistol style tools have been designed with an under slung handle which changes the center of balance and puts the tool weight directly over the hand. This allows the operator to hold the tool level without having to pull, then hold the tool, to the level position required with other handle-in-the-rear tool designs.

The safe use of our products is paramount to our company which has lead to our working with national and international organizations to actively participate in the development of noise and vibration standards. Our tools have very low noise and vibration levels as a result of this participation.

While we must design tools for safe and convenient operation, the primary ergonomic concern is in the operator station design. The position of the operator, the position of the hand or arm, body attitude and reach while applying the tool are of critical importance. We can help mitigate ergonomic stresses by recommending the best tool geometry, reaction device and operator position to fit the application. You can rely on our expertise to recommend a safe working process while setting high integrity joints with ergonomically designed tools.

PREVENTIVE MAINTENANCE

To ensure years of trouble free operation we recommend establishing a program of inspection, maintenance and calibration of our power tools at regularly scheduled intervals.

Preventive maintenance, making repairs and replacing worn parts periodically before they become so worn and cause extensive damage can lower maintenance costs considerably and prevent loss of production.

REPAIR SERVICE

STANLEY Assembly Technologies strives to build tools that will remain on-the-job for years, using the highest grade material available. Mechanical and electrical components do wear out despite this high engineering effort. That is why we maintain a stock of repair parts for all of our power tools. We certify repair centers around the world annually to provide the best technical service and fast turnaround with genuine STANLEY parts. STANLEY Certified Repair Centers are capable of the same level of repair and test as our factory.

RECALIBRATING TOOLS

Instrumented power tools require periodic verification of their dynamic torque output by calibration of the torque sensing transducer. Our factory and our Certified Repair Centers maintain the capability to recalibrate any power tool using the latest electronic torque measuring equipment. A calibration certificate is supplied with each tool calibration performed.

TRAINING

STANLEY provides training at our Cleveland, Ohio and Troy, Michigan facilities. On-site customer training can also be arranged upon request. Topics include: Torque Theory, Tool Design and Operation, Controller Features and Benefits, Programming and Setup, Plant Integration, Networking, Data Collection and Troubleshooting of Faulted Joints. We encourage attendance in at least one of these training sessions to become more familiar with fastening in general and STANLEY's products specifically.

TECHNICAL SUPPORT

As a supplier to the assembly market, STANLEY has developed a global service network to support the manufacturing operations of our customers. STANLEY offers many levels of customer support from basic maintenance and operator training to full service repair facilities and maintenance service contracts.

PARTNERING

STANLEY Assembly Technologies has always believed that the relationship with our customers should be defined as a partnership. This partnership is based on:

- *Understanding customer fastening needs.*
- *Prompt and diligent resolution of issues.*
- *Our goal of being the first choice for your threaded fastening needs*

As a partner, we strive to provide improved fastening solutions that result in the ability to increase productivity while reducing warranty and total per unit fastening costs. STANLEY's superior solutions are designed to not only meet, but exceed customer expectations.

Tool and Controller Safety



EXPECT THE UNEXPECTED

- Secure what you are working on with a vise or clamps
- Avoid using excessive force unless in a controlled manner
- Tools requiring repair may act different than expected

TOOL SHOCK HAZARDS

- NEVER operate a tool with a defective cable
- Keep cables away from heat, solvents, and sharp edges
- NEVER carry a tool by the cable

DO NOT TAKE SHORTCUTS

- ALWAYS test for proper operation after tool and controller repair
- Understand the proper procedure for a repair prior to starting a repair

EXPECT TORQUE REACTION

- ALWAYS use a reaction device
- Never attempt to hold the torque reaction by hand

PROTECT YOURSELF

- Wear the appropriate PPE
- Keep spectators safely away from work area
- Do not wear gloves near rotating components
- ALWAYS Keep hands clear of moving parts

UNINTENTIONAL OPERATION

- ALWAYS disconnect the tool cable or battery when not in use
- ALWAYS remove power when working on the tools
- Keep fingers well away from the trigger while handling the tool

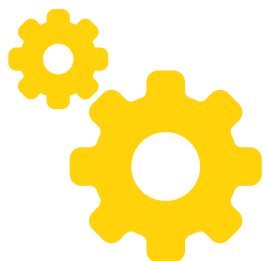
CONTROLLER SHOCK HAZARDS

- Allow the controller to de-energize prior to removing the safety panel
- ALWAYS disconnect all possible power sources
- Treat all electrical devices as if they are energized

TOOL SELECTION & CARE

- Use the right tool for the job
- Before using a power tool, ALWAYS check that it is in good working order
- Maintain according to manufacture's directions
- Always repair tools following the manufactures specifications

Catalog Guide & How to Order



HOW TO ORDER

To configure a specific tool, check the options table that corresponds with the tool type, style and torque range listed. To receive the option requested installed and ready for service, add the option part number to the end of the tool model number — for example:

EB33LA18-48 with Rubber Grip and 360° Swivel Bail options installed and ready to use:

Qty:	Order Number:	Including:
1	EB33LA18-48	20H207910, 20K101400

To order options separately to be installed later, list the option item numbers as separate lines — for example:

EB33LA18-48 with Rubber Grip and 360° Swivel Bail options separate to be installed later:

Qty:	Order Number:
1	EB33LA18-48
1	20H207910
1	20K101400

Note: When ordering configurable options for a tool, the lead-time becomes that of the longest item added to the tool. Please contact a STANLEY Assembly Technologies sales professional for pricing, lead times and delivery.



TOOL SPEEDS

Tool speeds are indicated in revolutions per minute or “rpm” and indicates the free speed or the speed at which the tool runs at no load. Pneumatic tool speeds are rated at a working pressure of 6.3 bar, or 90 psi if not stated otherwise and can deviate up to +/- 10% from the stated value. Electric tool speeds are the rated (maximum) speed of the tool. Variable speeds lower than rated are available through the programming interface.



TOOL WEIGHTS

Tool weights are published in both Kilograms (kg) and Pounds (lb). All tool weights are approximate and some slight variations from engineering changes are possible.

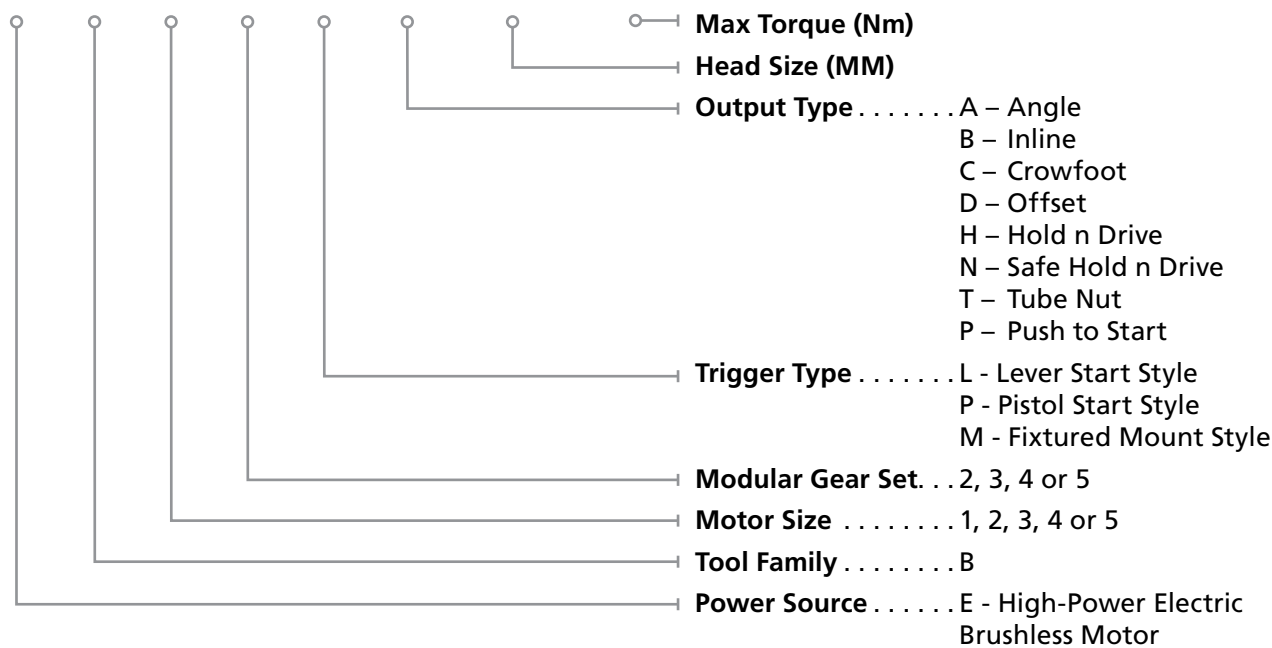
Tool Labeling Key

All of the STANLEY Assembly Technologies’ tools use a common lettering/numbering structure that will guide the user through the process of choosing the correct tool in the correct form for use. There are three separate lines of tools presented in the catalog and a clear method of naming and understanding has been implemented for ease of use.

The tool key below explains the significance of the letters/numbers forming the name of the tool model and part number.

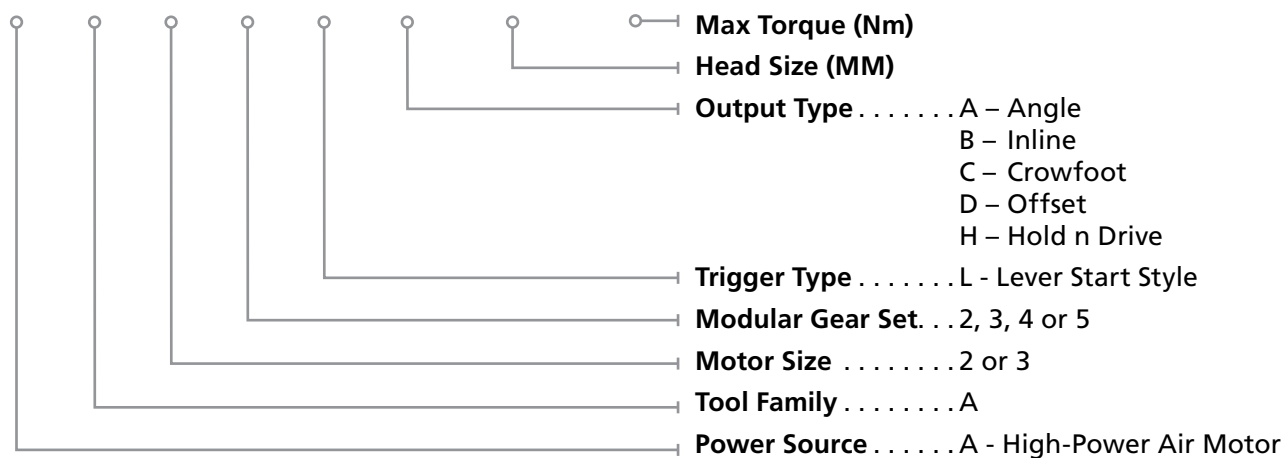
DC Electric Tools

E B 3 3 L A 18 46



Air Clutch Tools

A A 3 3 L A 18 46

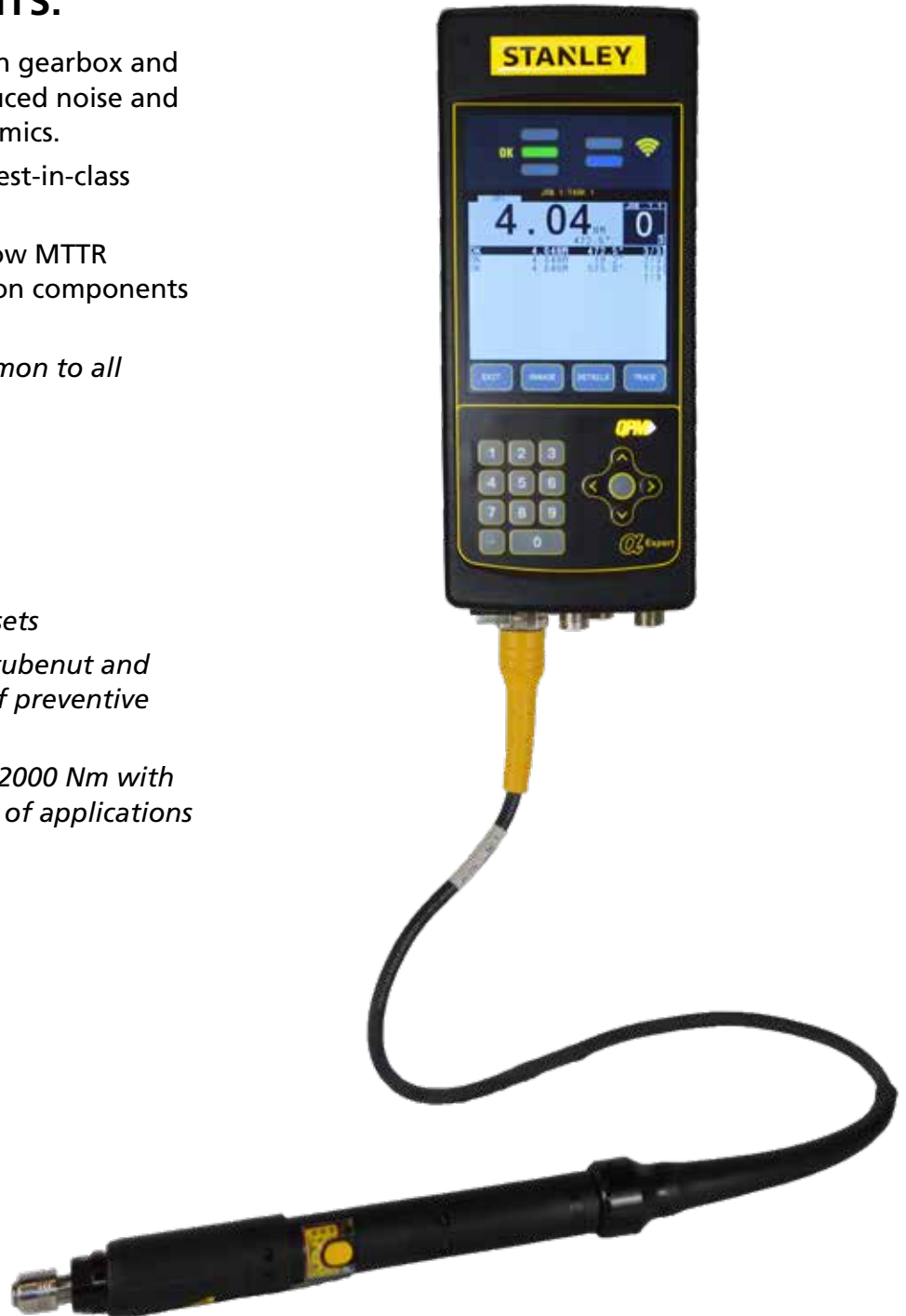


EB-Series: Reliability and Performance

The STANLEY Assembly Technologies EB-Series tools have been engineered to combine the latest technologies with STANLEY's best design features resulting in best-in-class tools.

FEATURES AND BENEFITS:

- **Low Friction Gearing** — In both gearbox and angle head assemblies for reduced noise and vibration for improved ergonomics.
- **High Efficiency Motor** — For best-in-class Power-to-Weight ratio.
- **Modular Construction** — For low MTTR (*Mean Time To Repair*). Common components reduce complexity and cost:
 - » *Handle/Lever assembly common to all handheld tools.*
 - » *Motor sizes*
 - » *Modular gear sets*
 - » *Angle heads*
- **Field Repairable** —
 - » *Matched replacement gear sets*
 - » *Grease fittings on all angle tubenut and crowfoot outputs for ease of preventive maintenance*
- **Full Line of Tools** — 0.4 Nm to 2000 Nm with geometries to fit a wide range of applications



EB-Series: Lever Style

THE STANLEY ADVANTAGE:

Industry Leading Power-to-Weight Ratio

NEW! High Speed Motor
Smoother and Lighter

NEW! High Speed Gearing
Quieter and Cooler Running

**Durable
Motor Cover**

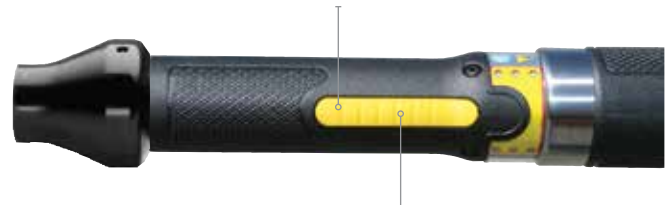
**NEW! Grease
Fitting Location**



- *High/OK/Low Lights indicate fastening status with 360° viewing.*
- *Multifunction button can select from 2 job setups and other process functions.*

A non-contact optical switch under the start lever increases Mean Time Between Failure (MTBF) by eliminating mechanical or magnetic switches which wear out over time.

**Optional accessories include
Forward Facing Levers.**



Increased lever length, recessed mounting, and "flush to handle" activation improves fit to the operator's hand.

Clear cover protects multifunction panel and model number label.

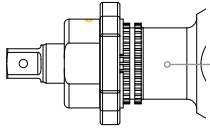


Recessed multifunction button requires minimal pressure with tactile feedback. A raised ring prevents accidental activation.

EB-Series: Pistol Style

Faster Models to 470 Nm

Intelligently Positioned Status Lights



Optional 1/4" or 3/8" Square Drive Outputs.

Push-To-Start

Optional



Brilliant Headlights
Illuminate Low Light
Fastener Access Points

Programmable Buttons
Improve Operator
Effectiveness

Ergonomic
Handle Design for
Operator Comfort

Use Lite Cables for
Better Ergonomics

Fast Tools for Small Jobs

Lighter, Faster, More Power

- Torque Ranges up to 20 Nm
- All Models Under:
 - » 2 lbs (0.9 Kg) in weight
 - » 1 foot (305 mm) in length
- Push-To-Start Models Include Headlights
- Available with Crowfoot and Tubenut Outputs



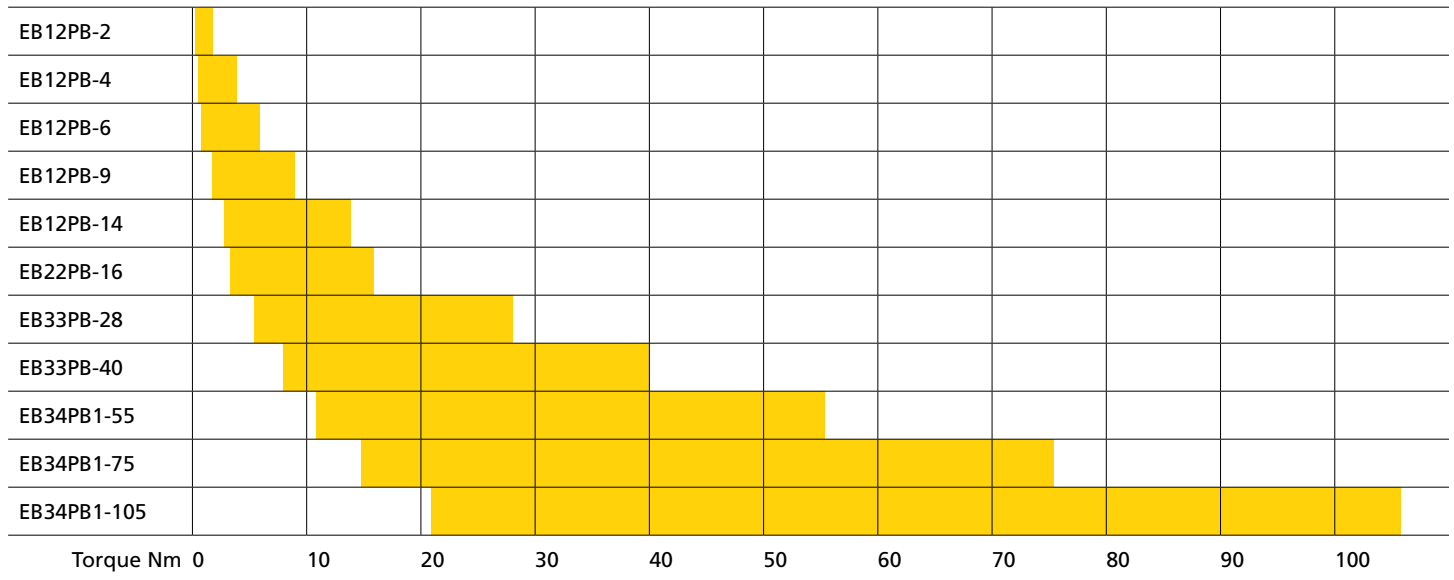
Push-To-Start
Optional

EB-Series Torque Range: Pistol & Lever Style

The EB-Series Corded Tool Product Line offers hand-held and fixtured tools up to 2000 Nm.

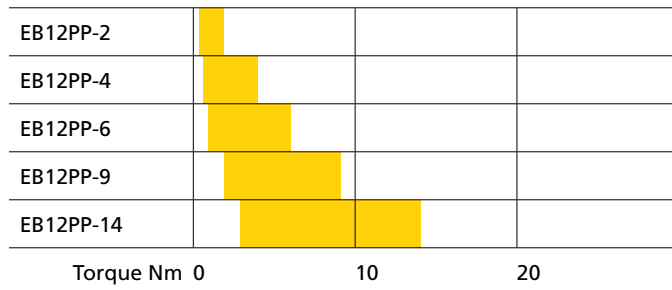
Inline Pistol Grip

MODELS:



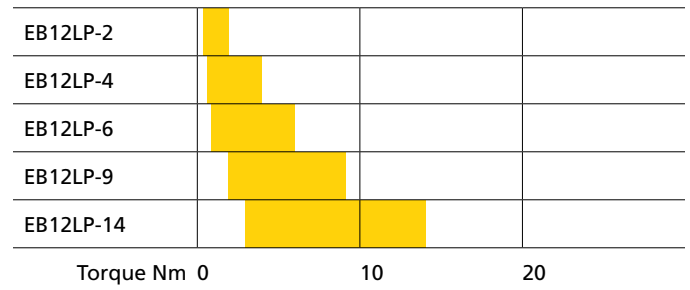
Push-to-Start Pistol Grip

MODELS:



Push-to-Start Lever Style

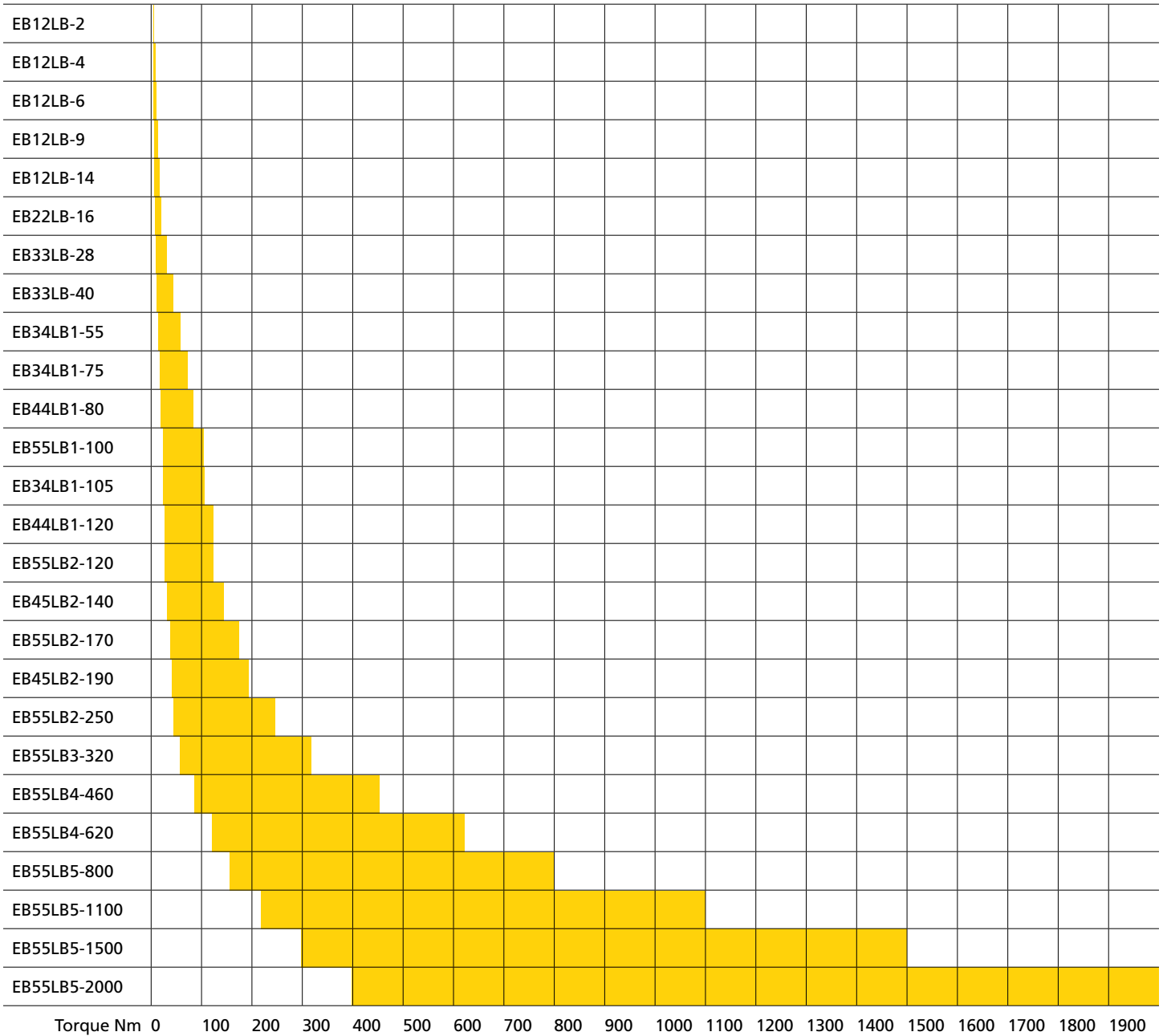
MODELS:



Please Note: These charts are a guide for the use of our tools. Programming of these tools can have a direct effect on the capability and performance.

Inline Lever Style

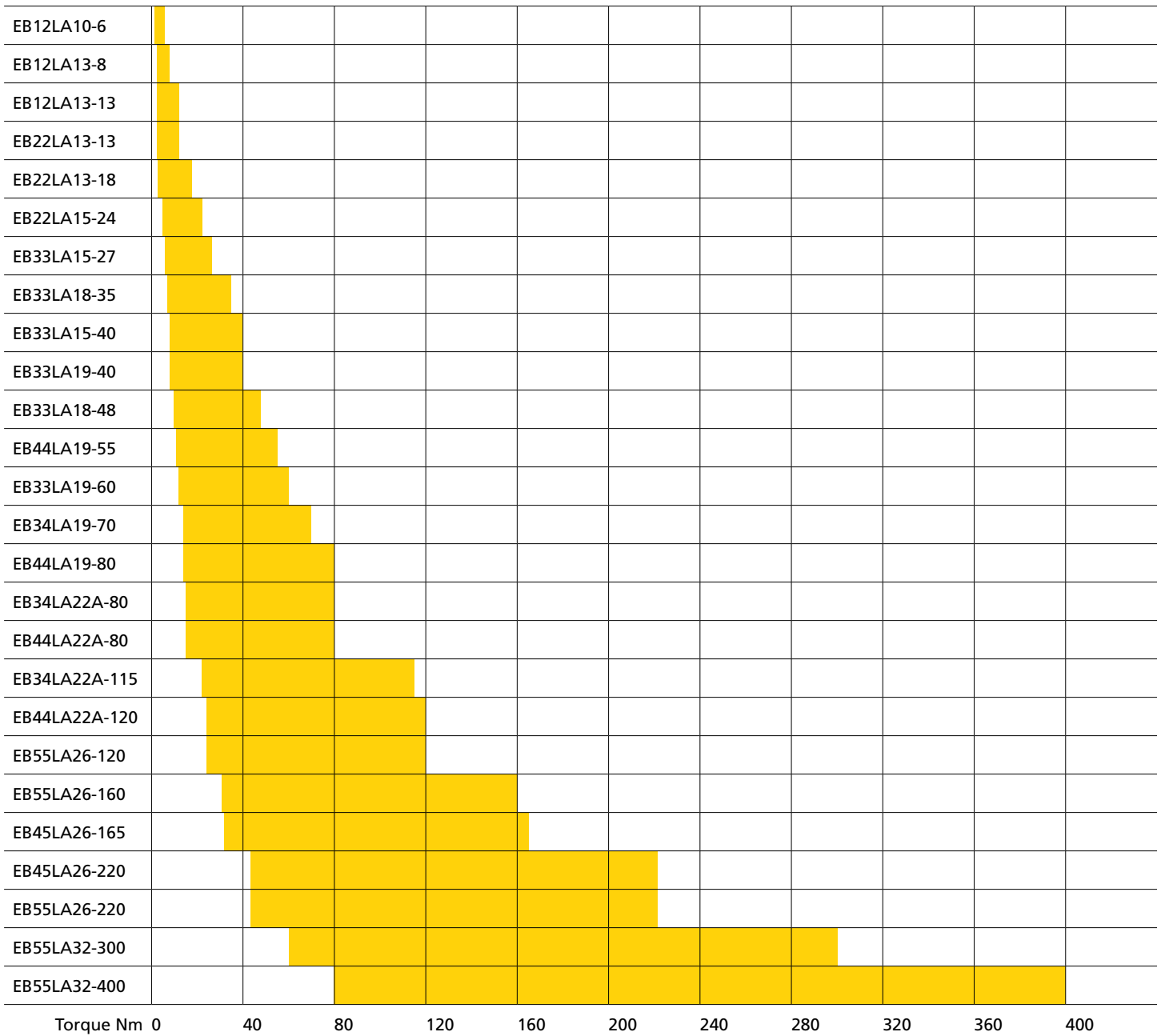
MODELS:



Please Note: This chart is a guide for the use of our tools. Programming of these tools can have a direct effect on the capability and performance.

Angle Lever Style

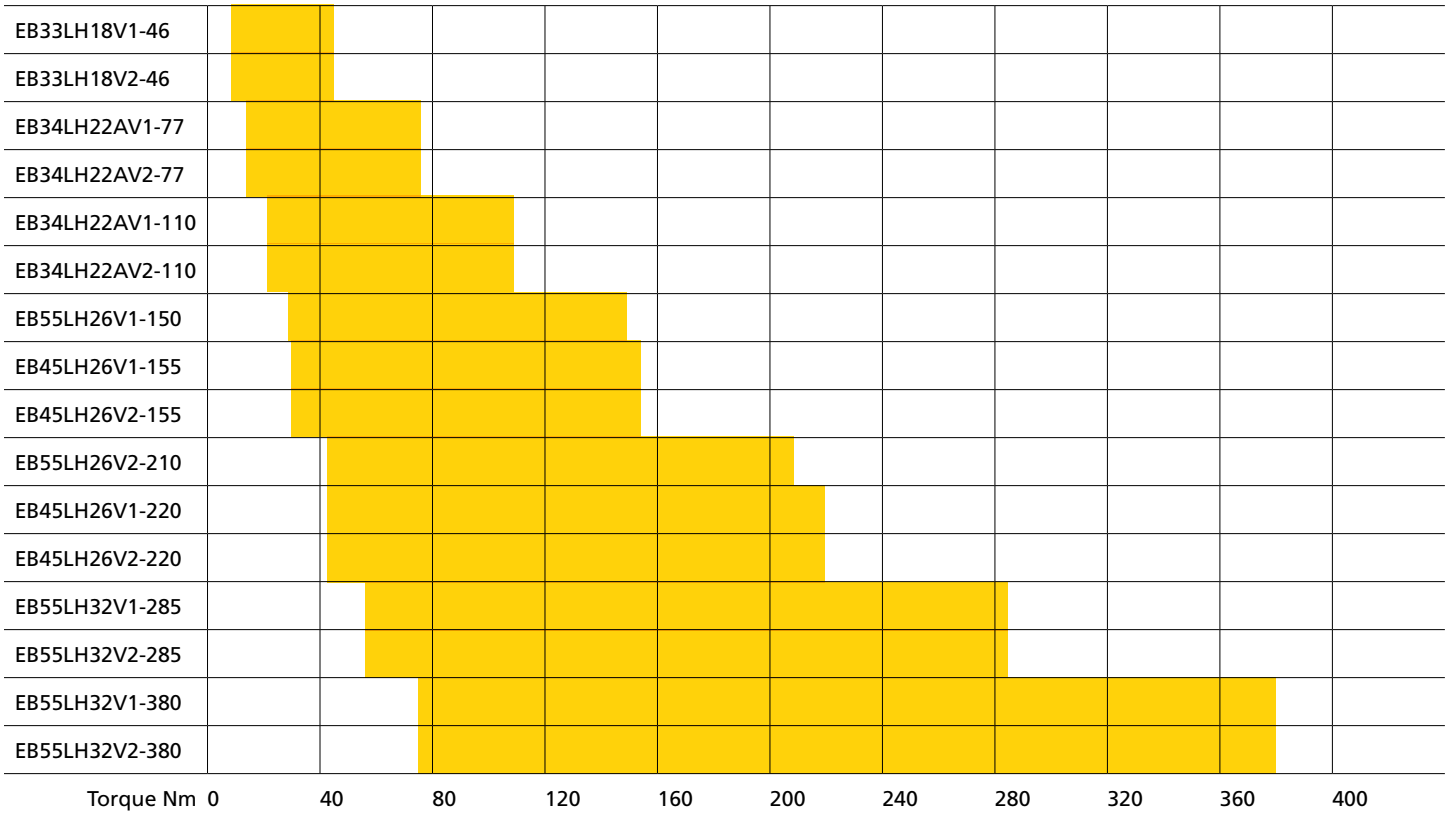
MODELS:



Please Note: This chart is a guide for the use of our tools. Programming of these tools can have a direct effect on the capability and performance.

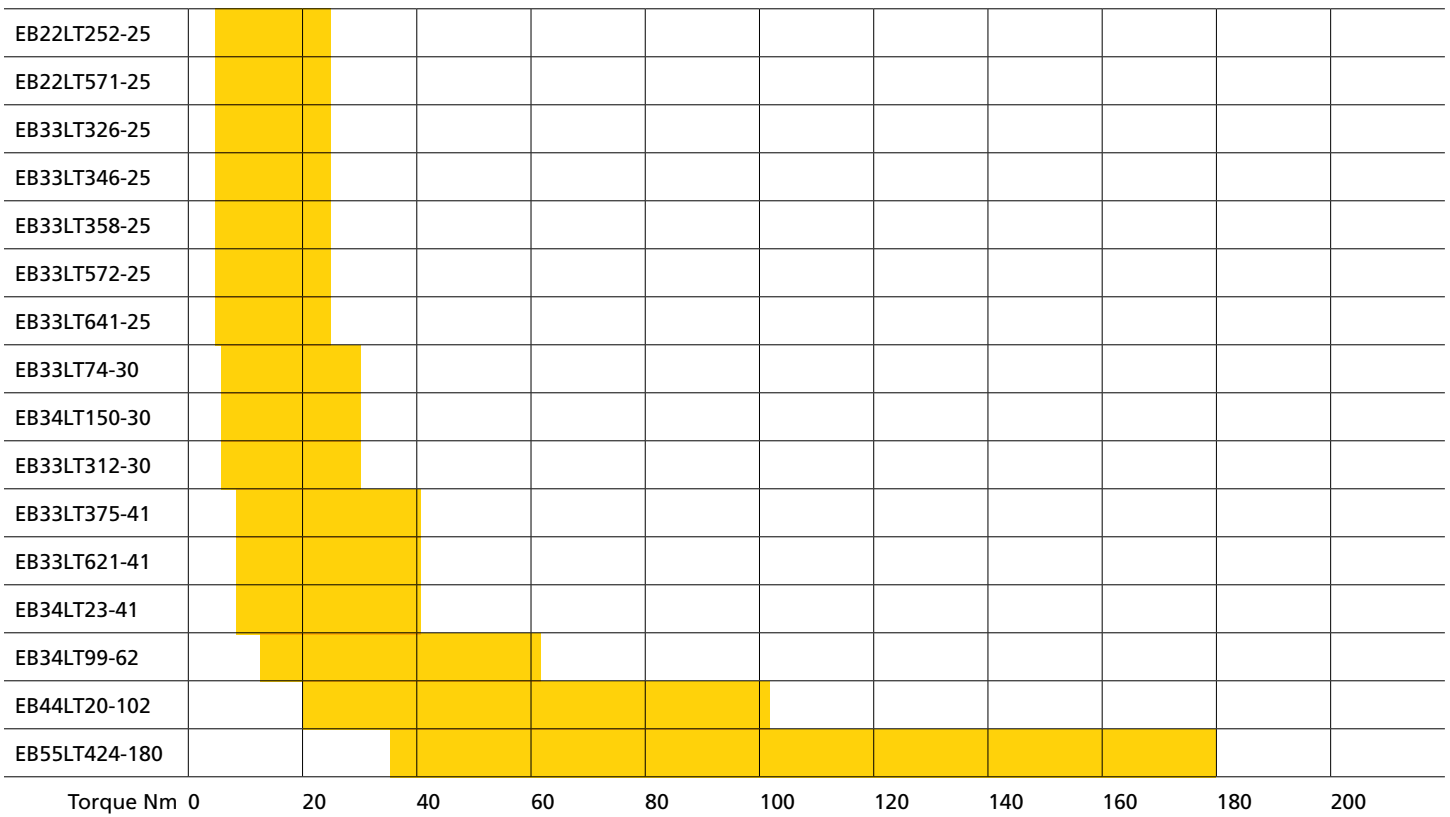
Hold and Drive Lever Style

MODELS:



Tubenut Lever Style

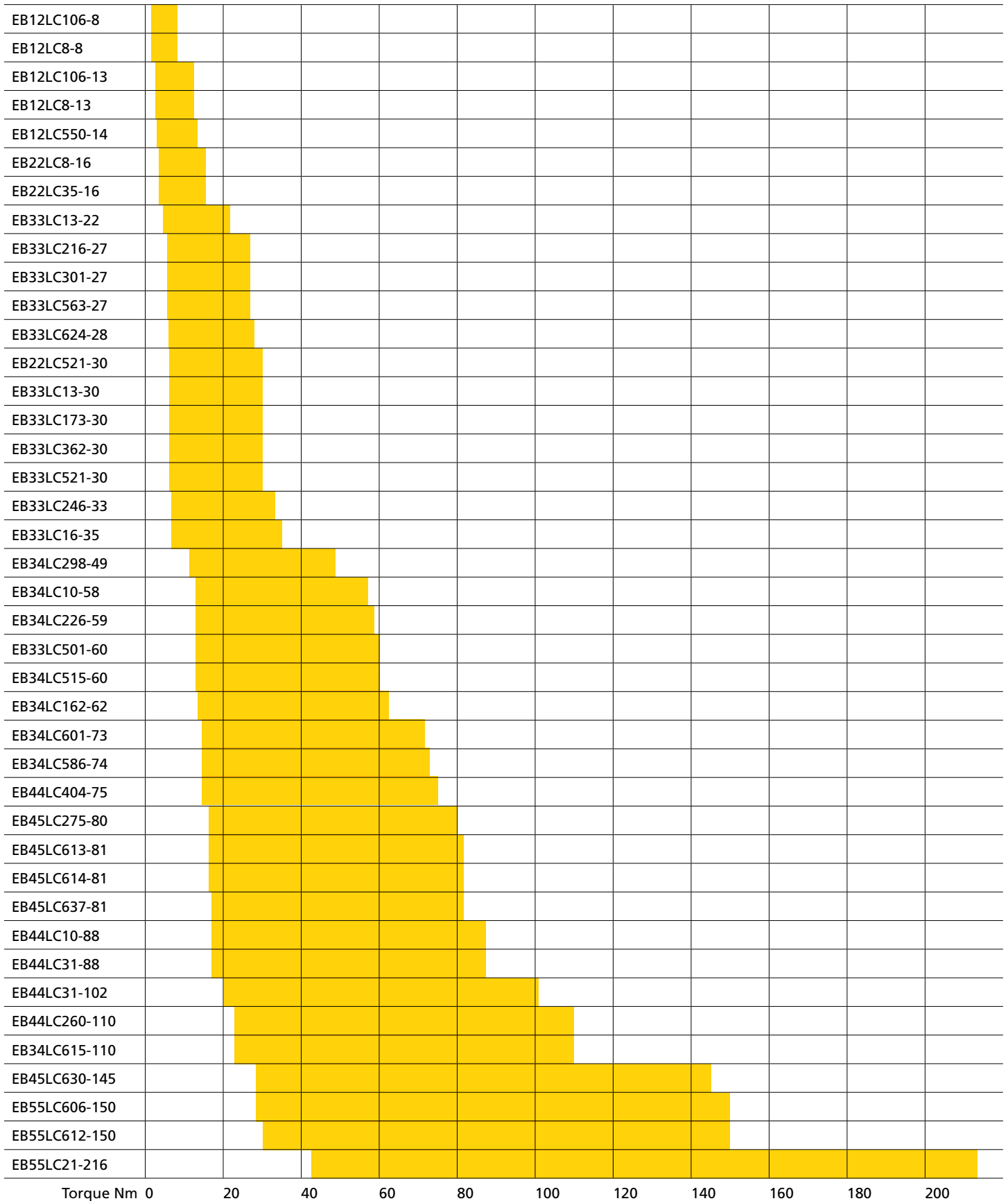
MODELS:



Please Note: These charts are a guide for the use of our tools. Programming of these tools can have a direct effect on the capability and performance.

Crowfoot Lever Style

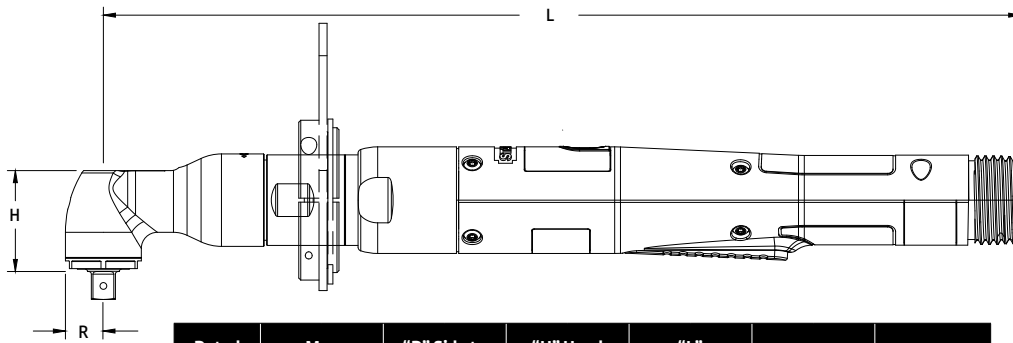
MODELS:



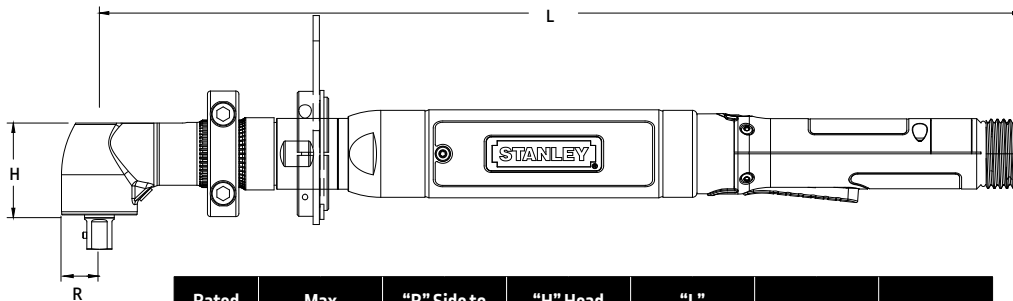
Please Note: This chart is a guide for the use of our tools. Programming of these tools can have a direct effect on the capability and performance.

Angle Lever Tools

1.2 to 60 Nm

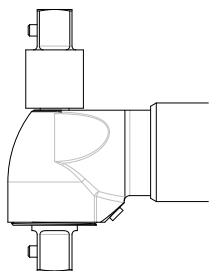


	Rated Speed	Max Torque		"R" Side to Center		"H" Head Height		"L" Length		Weight		Output
Model	RPM	Nm	lb ft	mm	in	mm	in	mm	in	kg	lb	Standard
EB12LA10-6	2110	6	4.42	10	0.39	31.9	1.26	319.3	12.6	0.89	1.96	1/4" SD
EB12LA13-8	1400	8	5.90	13	0.51	32.7	1.29	321.6	12.7	0.93	2.05	3/8" SD
EB12LA13-13	970	13	9.58	13	0.51	32.7	1.29	321.6	12.7	0.93	2.05	3/8" SD
EB22LA13-13	1550	13	9.58	13	0.51	32.7	1.29	343.3	13.5	1.08	2.38	3/8" SD
EB22LA13-18	1075	18	13.3	13	0.51	32.7	1.29	343.3	13.5	1.08	2.38	3/8" SD

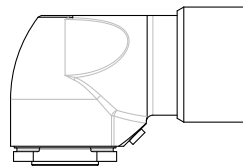


	Rated Speed	Max Torque		"R" Side to Center		"H" Head Height		"L" Length		Weight		Output
Model	RPM	Nm	lb ft	mm	in	mm	in	mm	in	kg	lb	Standard
EB22LA15-24	825	24	17.7	15	0.59	36.5	1.44	366.5	14.4	1.21	2.66	3/8" SD
EB33LA15-27	1515	27	19.91	15	0.59	36.5	1.44	415.7	16.4	1.55	3.41	3/8" SD
EB33LA18-35	1165	35	25.81	18	0.71	39.3	1.55	444.7	17.5	1.66	3.65	3/8" SD
EB33LA15-40	1015	40	29.49	15	0.59	36.5	1.44	415.7	16.4	1.55	3.41	3/8" SD
EB33LA19-40	1025	40	29.49	19	0.75	48.7	1.92	458.4	18.0	1.87	4.11	1/2" SD
EB33LA18-48	880	48	35.39	18	0.71	39.3	1.55	455.4	17.9	1.66	3.65	3/8" SD
EB33LA19-60	680	60	44.24	19	0.75	48.7	1.92	458.4	18.0	2.04	4.50	1/2" SD

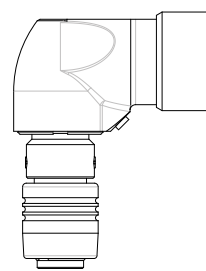
EB Angle Tool Output Options



Double Ended



Flush



Quick Change

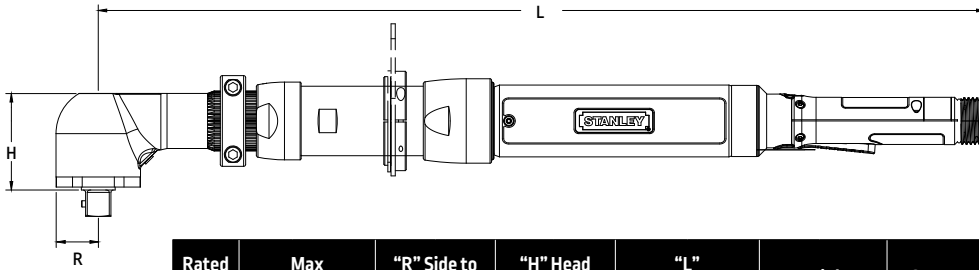
EB Angle Tool Options

A10 Output	Part No.
3/8" Square Drive	20D122901
1/4" Quick Change	20D122902
A13 Output	Part No.
3/8" Double-Ended, LH Thread*	20D121912
Flush Socket 10mm Max	20D121914
1/4" Quick Change	20D121916
3/8" Double-Ended, RH Thread*	20D121917
Flush Socket 13mm Max	20D121918
1/4" Square Drive	20D121919
1/4" Magnetic Internal Hex	20D121920
A15 Threaded Output 20D137500	Part No.
3/8" Square Drive	20D138900
Flush Socket	20D138904
1/2" Square Drive	20D138901
A15 Output Splined 20D137504	Part No.
3/8" Square Drive	20D138900
Flush Socket	20D138902
1/2" Square Drive	20D138901
A18 Output	Part No.
3/8" Square Drive	20D136500
3/8" Double-Ended, RH Thread*	20D136502
Flush Socket	20D136503
A19 Threaded Output	Part No.
Flush Socket	20D100021
Reaction Bar (A15 Splined/ A19)	Part No.
Reaction Bar Assembly (Default)	20K100000
Mounting Flange Assembly	20K100300
Base Mount Bracket Assembly	20K100500
*RH-Thread is Right-Hand Thread. This is an option used if the end user uses the additional output for clockwise tightening or loosening. LH-Thread is Left-Hand Thread. This is an option used if the end user uses the additional output for counter-clockwise tightening or loosening.	

Suspension Bails	Part No.
Wire Bail	A3061
Swivel (G3)	20K101400
Vinyl Covers	Part No.
A10 Output	20D250711
A13 Output	20D250711
A15 Output	20D250701
A18 Output	20D250702
A19 Output	20D250707
Socket Lock Pin 3/8" or 1/2" SD	Part No.
Standard	20D227800
Rounded (Ball Detent)	20D227801
Handle Options	Part No.
EB22 Forward Facing Lever	20H100108
EB3/4/5 Forward Facing Lever	20H100107

Angle Lever Tools

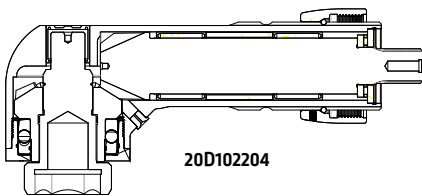
11 to 400 Nm



	Rated Speed	Max Torque		"R" Side to Center		"H" Head Height		"L" Length		Weight		Output
Model	RPM	Nm	lb ft	mm	in	mm	in	mm	in	kg	lb	Standard
EB44LA19-55	1190	55	40.55	19	0.75	48.7	1.92	458.4	18.0	2.78	6.12	1/2" SD
EB34LA19-70	610	70	51.61	19	0.75	48.7	1.92	488.0	19.2	2.34	5.15	1/2" SD
EB44LA19-80	845	80	58.98	19	0.75	48.7	1.92	525.4	20.7	2.78	6.12	1/2" SD
EB34LA22A-80	510	80	58.98	22	0.87	50.0	2.0	530.0	20.9	2.66	5.85	1/2" SD
EB44LA22A-80	810	80	58.98	22	0.87	50.0	2.0	539	21.2	3.10	6.82	1/2" SD
EB34LA22A-115	340	115	84.79	22	0.87	50.0	2.0	530.0	20.9	2.66	5.85	1/2" SD
EB44LA22A-120	550	120	88.48	22	0.87	50.0	2.0	539	21.2	3.29	7.23	1/2" SD
EB55LA26-120	825	120	88.48	26	1.02	60	2.4	632	24.9	5.72	12.58	3/4" SD
EB55LA26-160	620	160	117.97	26	1.02	60	2.4	632	24.9	5.81	12.78	3/4" SD
EB45LA26-165	400	165	121.65	26	1.02	60	2.4	582	22.9	5.25	11.56	3/4" SD
EB45LA26-220	260	220	162.21	26	1.02	60	2.4	582	22.9	5.57	12.27	3/4" SD
EB55LA26-220	460	220	162.21	26	1.02	60	2.4	632	24.9	5.83	12.82	3/4" SD
EB55LA32-300	340	300	221.19	32	1.26	73	2.9	639	25.1	6.46	14.21	3/4" SD
EB55LA32-400	225	400	294.92	32	1.26	73	2.9	639	25.1	6.46	14.21	3/4" SD

Inserts for 20D102204 A32 Hex Insert Output

Description	Part No.
1-1/8" Hex Socket Insert	A5172
30mm Hex Flush Socket Insert	20D222100
30mm with 3/4" Extension Flush Socket Insert	20D228900

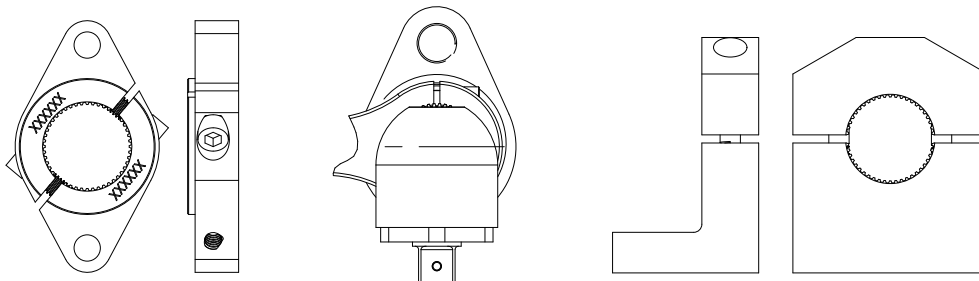


The maximum hex size for the A32 Flush Socket Output is 27 mm (1-1/16").

Use the Hex Insert Output with these Inserts for larger hex sizes.

This will add 16.3 mm (0.64") to the "H" dimension of the tool.

Mounting / Reaction Options



Optional Flange Mount Bracket

Reaction Bar or Bail

Optional Base Mount Bracket

EB Angle Tool Options

A19 Splined Output	Part No.
Anti-Vibration 1/2" SD	20D100101
Flush Socket	20D100106
1/2" Double-Ended, RH Thread*	20D100107
A22A Output	Part No.
1/2" Square Drive	20D100305
Flush Socket	20D100309
1/2" Double-Ended, RH Thread*	20D100326
Reaction Bar (A19 & A22 Outputs)	Part No.
Reaction Bar Assembly	20K100000
Mounting Flange EB34, EB44	20K100400
Base Mount Bracket Assembly	20K100500
A26 Output	Part No.
3/4" Square Drive	20D1004010
Flush Socket	20D100409
A32 Output	Part No.
3/4" Square Drive [Pin]	20D102200
3/4" Square Drive [Ball]	20D104300
Flush Socket	20D102201
Hex Insert	20D102204
Reaction Bar (A26 & A32 Outputs)	Part No.
Reaction Bar, Steel (<300 Nm)	20K100200
Reaction Bar, Steel (>300 Nm)	20K100202
Base Mount Bracket	20K100600
Mounting Flange-B	20K100700

*RH-Thread is Right-Hand Thread. This is an option used if the end user uses the additional output for clockwise tightening or loosening.

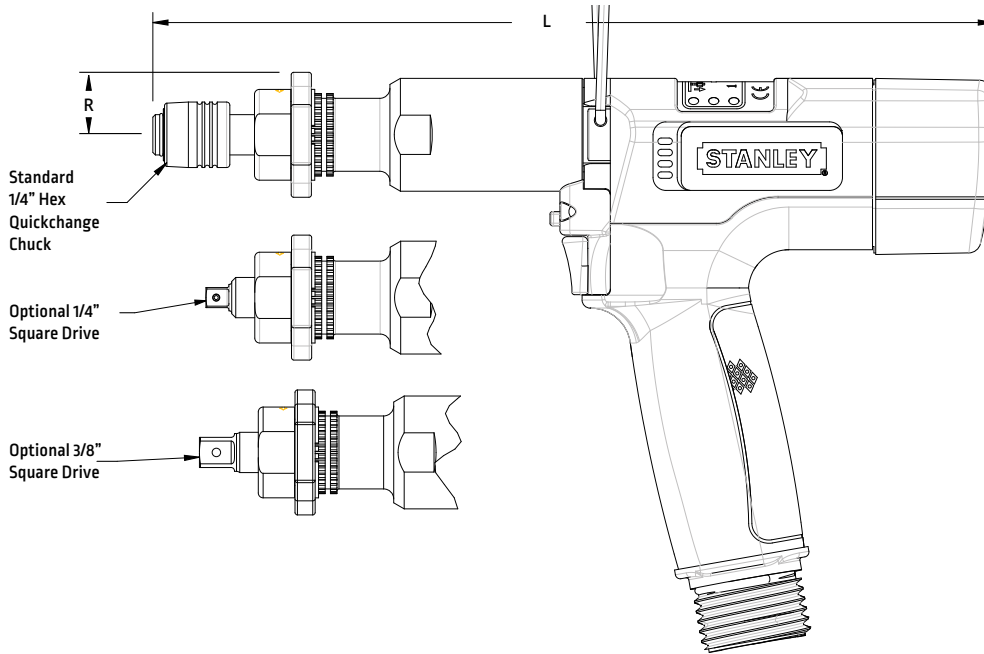
Suspension Bails	Part No.
Swivel (A19, A22A only)	20K200000
Swivel (A26, A32 only)	20K200100
Vinyl Covers	Part No.
A19 Output	20D250707
A22 Output	20D250708
A26 Output	20D250709
A32 Output	20D250710
Socket Lock Pin 3/8" or 1/2" SD	Part No.
Standard	20D227800
Rounded (Ball Detent)	20D227801
Socket Lock PinLock Pin 3/4" SD	Part No.
Standard	20D227800
Rounded (Ball Detent)	20D227802
Handle Options	Part No.
EB3/4/5 Forward Facing Lever	20H100107



Sockets and Accessories
begin on page 112

Inline Pistol Grip Tools

0.4 to 105 Nm



	Rated Speed	Max Torque		"R" Side to Center		"L" Length		Weight		Output
Model	RPM	Nm	lb ft	mm	in	mm	in	kg	lb	Standard
EB12PB-2	1760	2	1.5	20	0.8	222	8.7	0.78	1.7	1/4 QC
EB12PB-4	1115	4	2.9	20	0.8	222	8.7	0.78	1.7	1/4 QC
EB12PB-6	2300	6	4.4	20	0.8	264	10.4	0.78	1.7	1/4 QC
EB12PB-9	1595	9	6.6	20	0.8	264	10.4	0.78	1.7	1/4 QC
EB12PB-14	1020	14	10	20	0.8	264	10.4	0.78	1.7	1/4 QC
EB22PB-16	1225	16	11	20	0.8	290	11.4	1.16	2.5	1/4 QC
EB22PB-20	981	20	14.8	20	0.8	290	11.4	1.21	2.7	1/4 QC

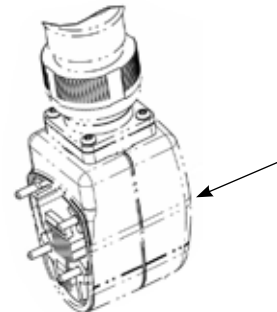
	Rated Speed	Max Torque		"R" Side to Center		"L" Length		Weight		Output
Model	RPM	Nm	lb ft	mm	in	mm	in	kg	lb	Standard
EB33PB-28	1590	28	20	26	1.04	288	11.3	1.49	3.2	3/8" SD
EB33PB-40	1120	40	29	26	1.04	288	11.3	1.55	3.4	3/8" SD
EB34PB1-55	830	55	40	32	1.25	324	12.8	2.31	5.10	1/2" SD
EB34PB1-75	545	75	55.3	32	1.25	324	12.8	2.55	5.6	1/2" SD
EB34PB1-105	410	105	77.5	32	1.25	324	12.8	2.55	5.6	1/2" SD

EB Pistol Tool Options

Output Options	Part No.
3/8" SD	20D119301
1/4" SD	20D119302
Socket Lock Pin 3/8" or 1/2" SD	Part No.
Standard	20D227800
Rounded (Ball Detent)	20D227801
Reaction Bar	Part No.
Spacer (Default)	20D217000
Reaction Bar, Aluminum, 17"	20K100103
Reaction Bar, Steel, 17"	20K100104
Suspension Bail	Part No.
Wire Bail	A3061
Handle Grip	Part No.
Rubber Grip	20H207107

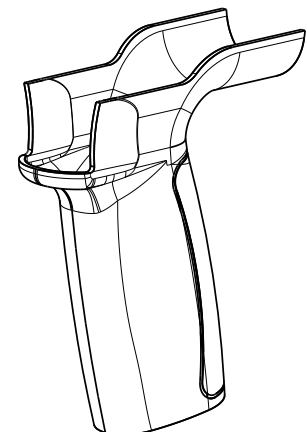
Cable Exit	Part No.
Top Exit EB1	20H106302
Top Exit EB3	20H209613

Optional Top Exit



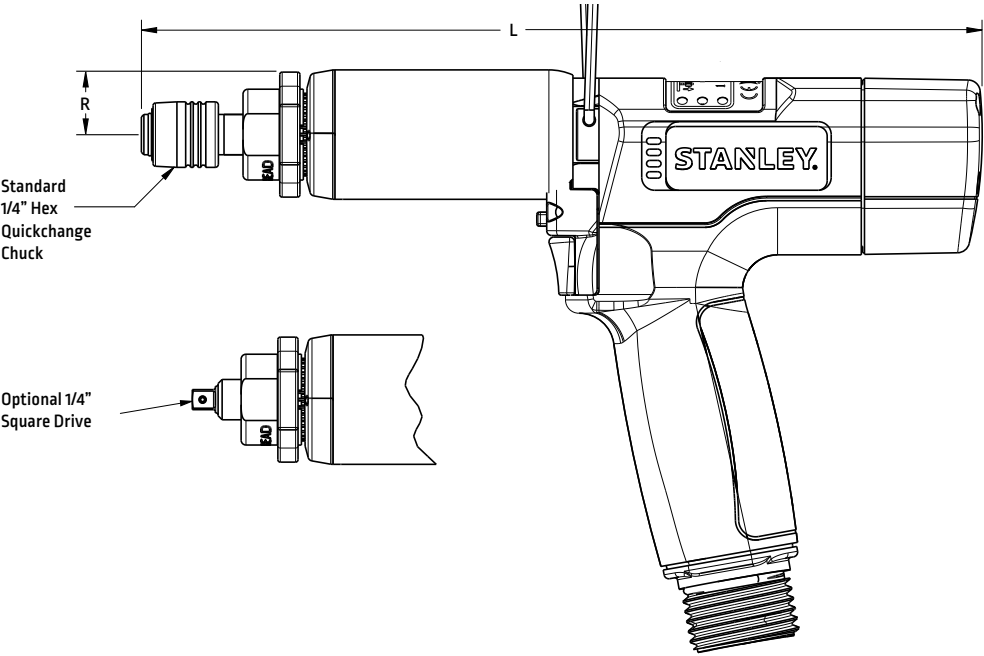
Requires EB Fitted Whip Cable 20C1093XX

Optional Rubber Grip



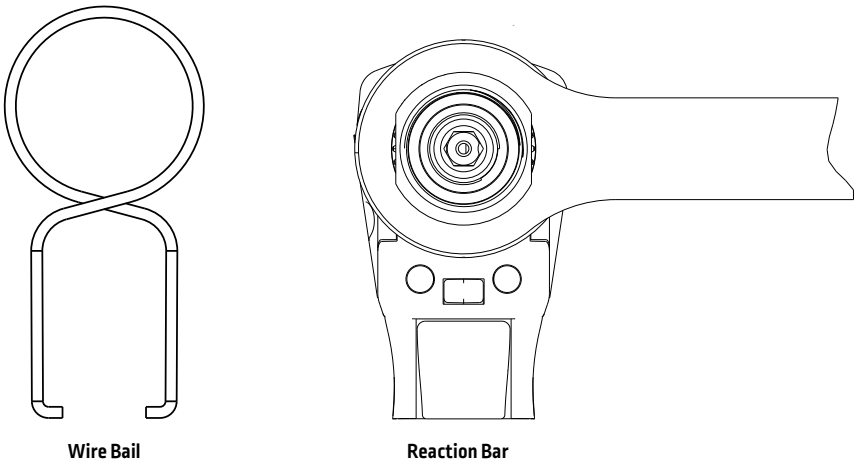
Inline Push-to-Start Pistol Grip Tools

0.4 to 14 Nm



	Rated Speed		Max Torque		"R" Side to Center		"L" Length		Weight		Output
Model	RPM	Nm	lb ft		mm	in	mm	in	kg	lb	Standard
EB12PP-2	1760	2	1.5		20	0.8	265	10.4	0.93	2	1/4 QC
EB12PP-4	1115	4	2.9		20	0.8	265	10.4	0.93	2	1/4 QC
EB12PP-6	2300	6	4.4		20	0.8	265	10.4	0.93	2	1/4 QC
EB12PP-9	1595	9	6.6		20	0.8	265	10.4	0.93	2	1/4 QC
EB12PP-14	1020	14	10.3		20	0.8	265	10.4	0.93	2	1/4 QC

Mounting / Reaction Options

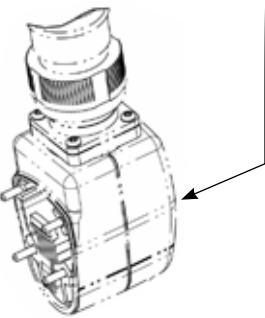


EB Pistol Tool Options

Output Options	Part No.
1/4" SD	20D119302
Reaction Bar	Part No.
Spacer	20D217000
Reaction Bar 17" Long	20K100103
Reaction Bar 12" Long	20K101601
Suspension Bail	Part No.
Wire Bail	A3061
Handle Grip	Part No.
Rubber Grip	20H207107

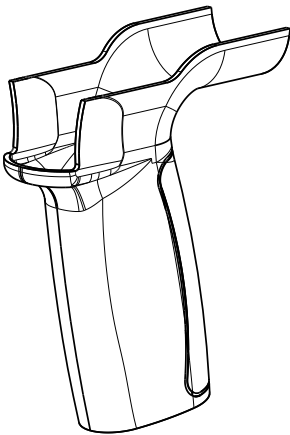
Cable Exit	Part No.
Top Exit EB1	20H106302

Optional Top Exit



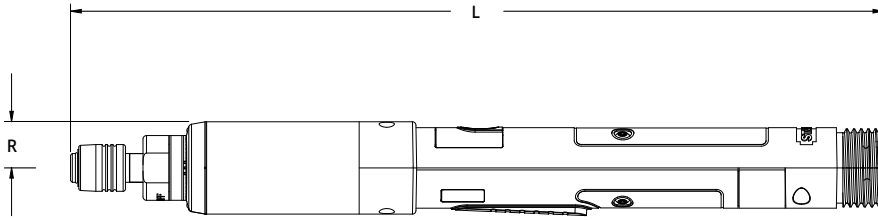
Requires EB Fitted Whip Cable 20C1093XX

Optional Rubber Grip



Inline Push-to-Start Lever Tools

0.4 to 14 Nm



	Rated Speed	Max Torque		"R" Side to Center		"L" Length		Weight		Output
Model	RPM	Nm	lb ft	mm	in	mm	in	kg	lb	Standard
EB12LP-2	1760	2	1.5	20.4	0.8	359	14.1	0.85	1.87	1/4" QC
EB12LP-4	1115	4	2.9	20.4	0.8	359	14.1	0.85	1.87	1/4" QC
EB12LP-6	2300	6	4.4	20.4	0.8	359	14.1	0.85	1.87	1/4" QC
EB12LP-9	1595	9	6.6	20.4	0.8	359	14.1	0.85	1.87	1/4" QC
EB12LP-14	1020	14	10.3	20.4	0.8	359	14.1	0.85	1.87	1/4" QC

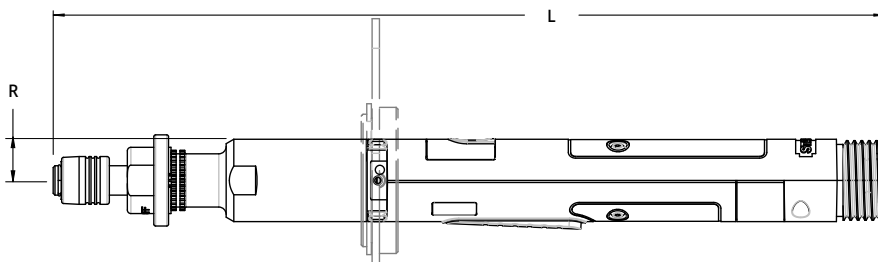
EB PTS Tool Options

EB12LP

Output Options	Part No.
1/4" Square Drive	20D119302
3/8" Square Drive [tools >5 Nm]	20D119301
3/8" SD Socket Lock Pin	Part No.
Standard	20D227800
Rounded (Ball Detent)	20D227801
Reaction Bar	Part No.
Reaction Bar, Aluminum 17"	20K100103
Reaction Bar, Steel 17"	20K100104
PTS Spline Cover	20D217001

Inline Lever Tools

0.4 to 14 Nm



	Rated Speed	Max Torque		"R" Side to Center		"L" Length		Weight		Output
Model	RPM	Nm	lb ft	mm	in	mm	in	kg	lb	Standard
EB12LB-2	1760	2	1.5	17.8	0.7	359	14.1	0.69	1.52	1/4" QC
EB12LB-4	1115	4	2.9	17.8	0.7	359	14.1	0.69	1.52	1/4" QC
EB12LB-6	2300	6	4.4	17.8	0.7	359	14.1	0.69	1.52	1/4" QC
EB12LB-9	1595	9	6.6	17.8	0.7	359	14.1	0.69	1.52	1/4" QC
EB12LB-14	1020	14	10.3	17.8	0.7	359	14.1	0.69	1.52	1/4" QC

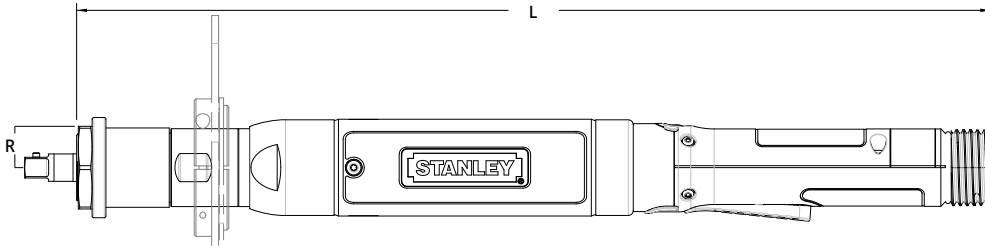
EB Inline Tool Options

EB12LB

Output Options	Part No.
3/8" Square Drive	20D119301
1/4" Square Drive	20D119302
3/8" SD Socket Lock Pin	Part No.
Standard	20D227800
Rounded (Ball Detent)	20D227801
Reaction Bar	Part No.
Reaction Bar, Aluminum	20K100103
Reaction Bar, Steel	20K100104
Suspension Bails	Part No.
Wire Bail	A3061
Swivel	20K101402

Inline Lever Tools

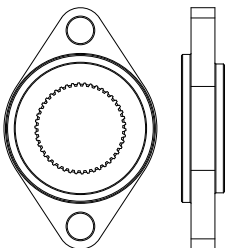
3.2 to 2000 Nm



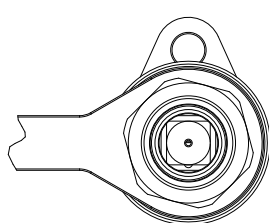
	Rated Speed	Max Torque		"R" Side to Center		"L" Length		Weight		Output
Model	RPM	Nm	lb ft	mm	in	mm	in	kg	lb	Standard
EB22LB-16	1340	16	11.8	23.7	0.93	352	13.8	1.06	2.33	3/8" SD
EB22LB-20	1071	20	14.8	23.7	0.93	365	14.4	1.10	2.40	3/8" SD
EB33LB-28	1590	28	20.7	24.7	0.97	416	16.4	1.40	3.08	3/8" SD
EB33LB-40	1120	40	29.5	24.7	0.97	416	16.4	1.40	3.08	3/8" SD

	Rated Speed	Max Torque		"R" Side to Center		"L" Length		Weight		Output
Model	RPM	Nm	lb ft	mm	in	mm	in	kg	lb	Standard
EB34LB1-55	830	55	40.6	26.7	1.05	463	18.2	2.04	4.49	1/2" SD
EB44LB1-80	895	80	59	26.7	1.05	479	18.9	2.50	5.50	1/2" SD
EB34LB1-75	545	75	55.3	26.7	1.05	491.51	19.35	2.04	4.49	1/2" SD
EB55LB1-100	853	100	73.8	32	1.25	592.29	23.32	5.17	11.38	1/2" SD
EB34LB1-105	410	105	77.5	26.7	1.05	491.51	19.35	2.04	4.49	1/2" SD
EB44LB1-120	560	120	88.5	26.7	1.05	503.45	19.82	2.85	6.27	1/2" SD
EB55LB2-120	850	120	88.5	32	1.25	564	22.2	5.17	11.40	3/4" SD
EB45LB2-140	465	140	103.3	29	1.15	533	21	3.42	7.52	3/4" SD
EB55LB2-170	640	170	125.4	32	1.25	560	22.1	4.62	10.18	3/4" SD
EB45LB2-190	355	190	140.2	29	1.15	533	21	4.3	9.46	3/4" SD
EB55LB2-250	400	250	184.4	32	1.25	560	22.1	4.93	10.85	3/4" SD
EB55LB3-320	310	320	236	32	1.25	573	22.5	5.01	11.03	3/4" SD
EB55LB4-460	220	460	339.3	44	1.7	621	24.4	7.60	16.73	1" SD
EB55LB4-620	165	620	457.3	44	1.7	621	24.4	7.60	16.73	1" SD
EB55LB5-800	125	800	590.1	48	1.9	651	25.6	10.05	22.12	1" SD
EB55LB5-1100	80	1100	811.4	48	1.9	651	25.6	10.05	22.12	1" SD
EB55LB5-1500	60	1500	1106.4	48	1.9	683	26.9	10.05	22.12	1" SD
EB55LB5-2000	50	2000	1475.2	48	1.9	683	26.9	10.57	23.25	1" SD

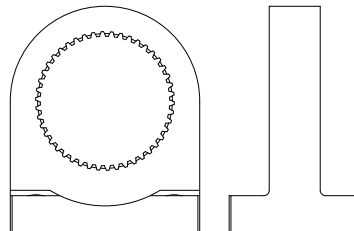
Mounting / Reaction Options



Optional Flange Mount Bracket



Reaction Bar or Bail



Optional Base Mount Bracket

EB Inline Tool Options

EB22, EB33

Output Options	Part No.
3/8" 24-Thread	20D281100
Reaction Bar	Part No.
Reaction Bar, Aluminum	F3698
Reaction Bar, Steel	20K100100
Base Mount Bracket	A8606
Mounting Flange-B	20K101000
3/8" SD Socket Lock Pin	Part No.
Standard	20D227800
Rounded (Ball Detent)	20D227801
Suspension Bails	Part No.
Wire Bail	A3061
Swivel	20K101400
Standard	B3432
Handle Options	Part No.
EB22 Forward Facing Lever	20H100108
EB3/4/5 Forward Facing Lever	20H100107

EB Inline Tool Options

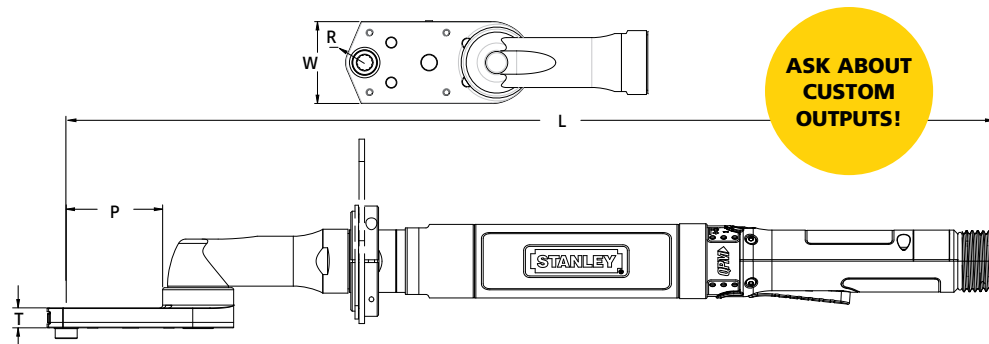
EB34, EB44, EB45, EB55

Reaction Bar, LB1	Part No.
Reaction Bar Assembly	20K100000
Mounting Flange EB34, EB44	20K100400
Mounting Flange EB45, EB55	20K100400
Base Mount Bracket Assembly	20K100500
Suspension Bails	Part No.
Wire Bail	A3061
Swivel	20K200000
1/2" SD Socket Lock Pin	Part No.
Standard	20D227800
Rounded (Ball Detent)	20D227801
Handle Options	Part No.
EB22 Forward Facing Lever	20H100108
EB3/4/5 Forward Facing Lever	20H100107

Reaction Bar, LB2	Part No.
Reaction Bar Assembly	20K100200
Base Mount Bracket Assembly	20K100600
Mounting Flange	20K100700
Reaction Bar, LB3	Part No.
Reaction Bar Assembly	B4487
Base Mount Bracket Assembly	H1140
Mounting Flange	M4329
Reaction Bar, LB4	Part No.
Reaction Bar Assembly	F4192
Base Mount Bracket Assembly	F4201
Mounting Flange	20K101100
Reaction Bar, LB5	Part No.
Reaction Bar Assembly	F4192
Base Mount Bracket Assembly	F4201
Mounting Flange	20K100900

Crowfoot Lever Tools

1.6 to 49 Nm



Crowfoot Tool Options

13Nm - 49Nm

Suspension Bails	Part No.
Wire Bail	A3061
Swivel Bail	20K101400
Standard Wire Bail	B3432

NOTE: The models listed below are the most common of the standard 278 Crowfoot outputs we produce. Contact STANLEY Assembly Technologies for the complete list or to discuss a custom output for your specific application.

ANGLE	Rated Speed	Max Torque		“R” Nose Radius		“T” Thickness		“W” Width		“P” Length		“L” Length		Weight		Maximum Hex Size	
Model	RPM	Nm	lb ft	mm	in	mm	in	mm	in	mm	in	mm	in	kg	lb	mm	in
EB12LC8-8	1065	8	5.9	13	0.52	16.2	0.64	25.4	1.00	44.6	1.76	382	15.0	1.1	2.4	13	1/2”
EB12LC106-8	1065	8	5.9	13	0.52	16.2	0.64	25.4	1.00	64.6	2.54	401	15.8	1.1	2.4	13	1/2”
EB12LC8-13	680	13	9.6	13	0.52	16.2	0.64	25.4	1.00	44.6	1.76	382	15.0	1.1	2.4	13	1/2”
EB12LC106-13	680	13	9.6	13	0.52	16.2	0.64	25.4	1.00	64.6	2.54	401	15.8	1.1	2.4	13	1/2”
EB12LC550-14	680	14	10.3	13	0.5	11.4	0.45	25.4	1.00	67.1	2.64	402	15.8	1.1	2.4	13	1/2”
EB22LC8-16	895	16	11.8	13	0.52	16.2	0.64	25.4	1.00	44.6	1.76	453	17.8	1.7	3.8	13	1/2”
EB22LC35-16	893	16	11.8	21	0.81	14	0.55	38	1.5	75	2.95	479.8	18.89	2.72	6	19	3/4”
EB33LC13-22	1310	22	16.3	13	0.52	20.6	0.81	31.8	1.25	47.3	1.86	530	20.8	2.5	5.5	13	1/2”
EB33LC216-27	990	27	19.9	13	0.5	15.0	0.59	31.8	1.25	47.3	1.86	530	20.8	2.5	5.5	13	1/2”
EB33LC563-27	990	27	19.9	13	0.52	15.9	0.63	31.8	1.25	47.3	1.86	530	20.8	2.5	5.5	13	1/2”
EB33LC301-27	991	27	19.9	13	0.53	16	0.63	32	1.25	47	1.86	463	18.23	2.72	6	13	1/2”
EB33LC13-30	840	30	22.1	13	0.52	20.6	0.81	31.8	1.25	47.3	1.86	530	20.8	2.5	5.5	13	1/2”
EB33LC173-30	990	30	22.1	13.5	0.53	15.9	0.63	31.8	1.25	93	3.66	590	23.2	2.5	5.5	13	1/2”
EB33LC362-30	932	30	22.1	13	0.5	16	0.63	26	1.02	66	2.59	549.1	21.62	2.72	6	13	1/2”
EB33LC246-33	880	33	24.3	16	0.63	20.6	0.81	31.8	1.25	48.3	1.90	531	20.9	2.9	6.4	14	9/16”
EB33LC16-35	881	35	25.8	21	0.81	21	0.84	38	1.5	75	2.95	558.1	21.97	2.59	5.7	19	3/4”
EB44LC508-35	1341	35	25.8	13	0.53	14	0.57	31.8	1.25	47	1.47	591	23.3	3.10	6.82	13	1/2”
EB33LC484-42	610	42	31	16	0.63	18.5	0.73	31.8	1.25	86.1	3.39	554	21.8	2.36	5.21	15	19/32”

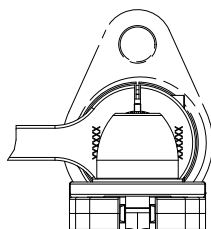
VERTICAL

EB33LC624-28	1118	28	20.7	21	0.81	14	0.55	38	1.5	75	2.95	470.8	18.53	2.49	5.5	19	3/4"
EB34LC298-49	595	49	36.2	13	0.52	20.9	0.82	38.1	1.50	97.1	3.82	559	22.0	3.61	7.95	13	1/2"

INLINE

EB22LC521-30	475	30	22.1	13	0.53	16	0.63	32	1.25	45	1.76	419.3	16.51	1.83	4.03	13	1/2"
EB33LC521-30	739	30	22.1	13	0.53	16	0.63	32	1.25	45	1.76	498	19.61	1.9	4.19	13	1/2"

Mounting / Reaction Options



Reaction Bar or Bail



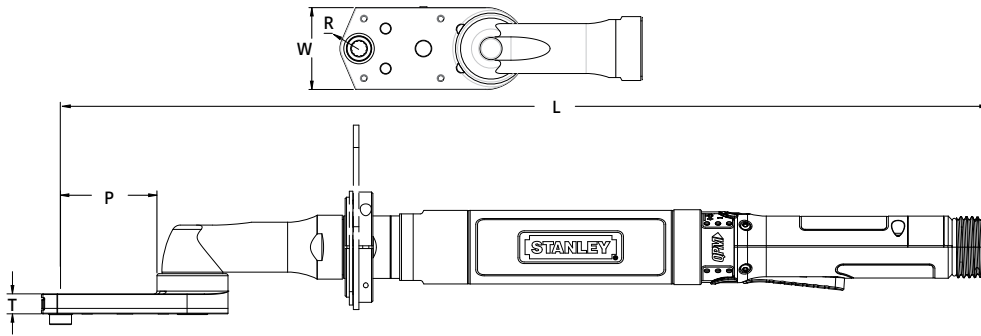
Sockets and Accessories
begin on page 112

2-Hand Anti-Tiedown Options

2-Hand Anti-Tiedown	Part No.
EB33 Tools	20H106400
EB34 Tools	20H106402
EB44 Tools	20H106403
EB45 Tools	20H106404
EB55 Tools	20H106401

Crowfoot Lever Tools

11.6 to 216 Nm



Crowfoot Tool Options

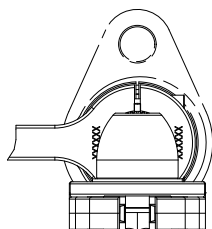
58Nm - 216Nm

Suspension Bails	Part No.
Wire Bail	A3061
Swivel Bail	20K200000
Reaction Bar	Part No.
Reaction Bar Assembly [Default]	20K100000
Mounting Flange EB33	20K100300
Mounting Flange EB34, EB44	20K100400
Mounting Flange EB45, EB55	20K100700
Base Mount Bracket Assembly	20K100500

ANGLE	Rated Speed	Max Torque		"R" Nose Radius		"T" Thickness		"W" Width		"P" Length		"L" Length		Weight		Maximum Hex Size	
Model	RPM	Nm	lb ft	mm	in	mm	in	mm	in	mm	in	mm	in	kg	lb	mm	in
EB34LC10-58	510	58	42.8	21	0.81	27.94	1.10	38.1	1.50	70.7	2.78	616	24.2	3.52	7.74	19	3/4"
EB34LC226-59	500	59	43.5	17	0.66	17	0.66	38	1.5	68	2.69	614	24.17	3.4	7.5	16	5/8"
EB33LC501-60	499	60	44.3	16.8	0.66	17	0.67	38.1	1.50	123	4.85	616	24.2	3.52	7.74	15	5/8"
EB34LC515-60	471	60	44.3	12	0.48	25	0.99	38	1.5	125	4.94	597.7	23.53	3.49	7.7	12	7/16"
EB34LC162-62	321	62	45.7	13	0.52	21	0.82	38	1.5	97	3.82	664.6	26.17	3.76	8.3	13	1/2"
EB34LC601-73	337	73	53.8	21	0.81	17	0.66	38	1.5	71	2.78	638.3	25.13	3.63	8	19	3/4"
EB44LC404-75	508	75	55.3	16.8	0.66	26.16	1.03	38.1	1.50	68.4	2.70	626	24.7	4.2	9.3	16	5/8"
EB45LC365-80	438	80	59	13	0.53	28	1.12	38	1.5	97	3.82	735	28.9	5.25	11.56	13	1/2"
EB45LC275-80	580	80	59	13	0.52	28	1.12	56	2.19	86	3.39	699.1	27.52	4.08	9	13	1/2"
EB45LC613-81	581	81	59.8	13	0.52	28.0	1.10	38.1	1.50	33.6	1.32	642	25.3	4.6	10.2	13	1/2"
EB45LC614-81	581	81	59.8	13	0.52	28.9	1.14	38.1	1.50	123	4.85	750	29.5	5.1	11.2	13	1/2"
EB45LC637-81	581	81	59.7	13	0.52	27	1.07	38	1.5	129	5.07	705.3	27.77	4.08	9	13	1/2"
EB44LC10-88	520	88	64.9	21	0.81	27.94	1.10	38.1	1.50	70.7	2.78	628	24.7	4.6	10.2	19	3/4"
EB44LC31-88	520	88	64.9	21	0.81	27.94	1.10	38.1	1.50	38.9	1.53	596	23.4	4.6	10.2	19	3/4"
EB44LC31-102	455	102	75.2	21	0.81	27.94	1.10	38.1	1.50	38.9	1.53	596	23.4	4.6	10.2	19	3/4"
EB44LC260-110	455	110	81.1	17	0.69	15	0.6	73	2.89	18	0.71	576.3	22.69	4.08	9	18	11/16"
EB34LC615-110	267	110	81.1	16	0.63	38.9	1.53	31.8	1.25	76.1	3.0	619.6	24.4	4.6	10.2	16	5/8"
EB45LC630-145	262	145	106.9	25	1	22	0.87	51	1.99	99	3.92	746.8	29.4	4.08	9	24	15/16"
EB55LC612-150	459	150	110.6	20	0.8	35	1.37	39	1.53	46	1.81	636.4	25.05	4.54	10	19	3/4"
EB55LC606-150	459	150	110.6	20	0.8	32.9	1.30	38.9	1.53	38.9	1.53	636.4	25.1	5.4	11.8	19	3/4"
EB55LC21-216	290	216	159.3	29	1.16	30.86	1.21	58.7	2.31	57.8	2.27	724	28.5	5.4	11.8	27	1-1/8"
EB55LC626-250	262	250	184.4	25	0.98	37.29	1.47	95.3	3.75	113.9	4.49	795.2	31.3	10.5	23.24	24	15/16"
VERTICAL																	
EB34LC586-74	408	74	54.6	21	0.81	27.94	1.10	38.1	1.50	70.7	2.78	564	22.2	3.8	8.3	19	3/4"
EB55LC625-237	309	237	174.8	25	0.98	40.89	1.61	95.3	3.75	113.9	4.49	809.8	31.9	11.4	25.23	24	15/16"

NOTE: The models listed are the most common of the standard 278 Crowfoot outputs we produce. Contact STANLEY Assembly Technologies for the complete list or to discuss a custom output for your specific application.

Mounting / Reaction Options



Reaction Bar or Bail

ASK ABOUT
CUSTOM
OUTPUTS!



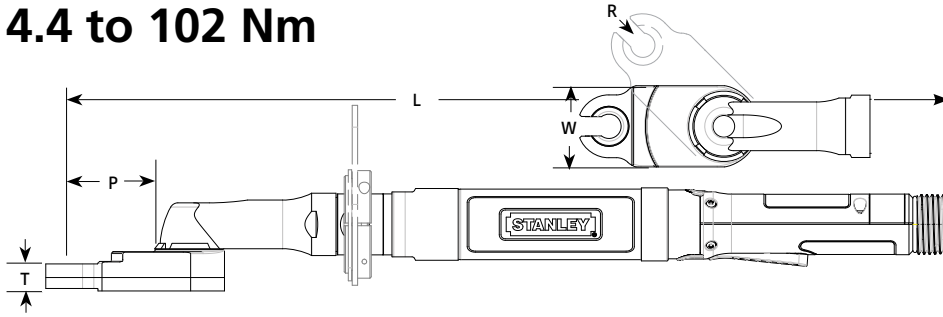
Sockets and Accessories
begin on page 112

2-Hand Anti-Tiedown Options

2-Hand Anti-Tiedown	Part No.
EB33 Tools	20H106400
EB34 Tools	20H106402
EB44 Tools	20H106403
EB45 Tools	20H106404
EB55 Tools	20H106401

Tubenut Lever Tools

4.4 to 102 Nm



Tubenut Tool Options

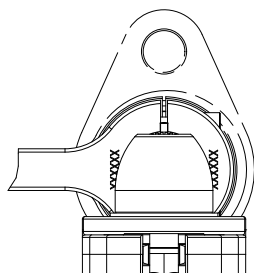
25Nm - 41Nm

Suspension Bails	Part No.
Wire Bail	A3061
Swivel Bail	20K101400
Standard Wire Bail	B3432

ANGLE	Rated Speed	Max Torque		“R” Nose Radius		“T” Thickness		“W” Width		“P” Length		“L” Length		Weight		Maximum Hex Size		Maximum Tube Size	
Model	RPM	Nm	lb ft	mm	in	mm	in	mm	in	mm	in	mm	in	kg	lb	mm	in	mm	in
EB33LT346-25	1165	25	18.4	13	0.52	14	0.54	42	1.7	34	1.3	511	20.1	2.34	5.15	13	0.5	9.3	0.365
EB33LT572-25	1165	25	18.4	13	0.52	14	0.54	42	1.7	34	1.3	518	20.4	2.34	5.15	13	0.5	9.3	0.365
EB33LT349-25	1165	25	18.4	38.1	1.5	14.1	0.56	42.2	1.66	55.6	2.19	539.7	21.25	2.27	5.01	13	0.5	9.3	0.365
EB33LT387-25	1165	25	18.4	38.1	1.5	14.1	0.56	42.2	1.66	34	1.34	518.1	20.4	2.34	5.15	13	0.5	9.3	0.365
EB33LT358-25	1165	25	18.4	13	0.52	14	0.54	42	1.66	34	1.34	518.1	20.4	2.31	5.1	13	0.5	9.3	0.365
EB33LT641-25	1165	25	18.4	13	0.52	14	0.54	42	1.66	56	2.19	539	21.22	1.81	4	13	0.5	9.3	0.365
EB33LT74-30	460	30	22.1	18	0.73	14	0.54	48	1.9	44	1.7	517	20.3	2.30	5.06	18	0.71	11.6	0.455
EB33LT312-30	847	30	22.1	18	0.73	14	0.56	48	1.88	47	1.86	547.6	21.56	1.81	4	18	0.71	11.6	0.455
EB33LT473-30	965	30	22.1	18.4	0.73	14.3	0.56	57.2	2.25	38.9	1.53	533.5	21	2.75	6.06	18	0.71	11.6	0.455
EB33LT527-30	881	30	22.1	18.4	0.73	15.9	0.62	47.7	1.88	16.3	0.64	500.6	19.71	2.3	5.06	18	0.71	11.6	0.455
EB33LT375-41	710	41	30.2	13	0.52	22	0.85	44	1.7	59	2.3	466	8.3	2.48	5.45	13	0.5	9.3	0.365
EB33LT621-41	719	41	30.2	15.9	0.63	20.3	0.8	52.4	2.06	26.4	1.04	521	20.51	2.5	5.5	15	0.59	10.4	0.41
EB34LT23-41	695	41	30.2	18	0.73	23	0.91	48	1.88	44	1.72	580.9	22.87	1.64	3.61	18	0.71	11.6	0.455
EB34LT623-57	480	57	42	26.4	1.04	19.4	0.765	74.6	2.94	60.7	2.39	603.8	23.73	4.13	9.1	27	1.06	19.4	0.765
EB34LT99-62	460	62	45.7	26	1.04	20	0.76	75	2.9	65	2.5	604	23.8	2.93	6.45	27	1.06	19.4	0.765
EB44LT20-102	430	102	75.2	26	1.04	32	1.24	75	2.9	65	2.5	628	24.7	4.46	9.82	27	1.06	19.4	0.765
EB55LT424-180	325	180	132.8	31	1.22	30	1.18	100	3.94	74	2.91	740.1	29.14	8.32	18.34	32	1.25	20	0.801
INLINE																			
EB22LT252-25	500	25	18.4	13	0.52	14	0.54	42	1.7	56	2.2	434	17.1	1.79	3.93	13	0.5	9.3	0.365
EB22LT571-25	500	25	18.4	13	0.52	14	0.54	42	1.7	56	2.2	434	17.1	1.79	3.93	13	0.5	9.3	0.365
EB33LT252-25	739	25	18.4	38.1	1.5	14.1	0.56	42.2	1.66	55.9	2.2	512.7	20.19	1.95	4.3	13	0.5	9.3	0.365
EB33LT326-25	739	25	18.4	13.1	0.515	14.1	0.56	42.2	1.66	77.5	3.05	534.3	21.04	1.95	4.3	13	0.5	8.1	0.32
EB33LT264-50	422	50	36.9	21.4	0.84	17.5	0.69	54	2.13	78.8	3.1	535.7	21.09	1.95	4.3	24	0.94	13.6	0.535
VERTICAL																			
EB34LT150-30	945	30	22.1	18	0.73	14	0.56	48	1.9	47	1.9	521	20.5	2.73	5.99	19	0.75	11.6	0.455

The maximum tube size depends on the chosen HEX size. NOTE: The models listed are the most common of the standard 104 Tubenut outputs we produce. Contact STANLEY Assembly Technologies for the complete list or to discuss a custom output for your specific application.

Mounting / Reaction Options



Reaction Bar or Bail

ASK ABOUT
CUSTOM
OUTPUTS!



Sockets and Accessories
begin on page 112

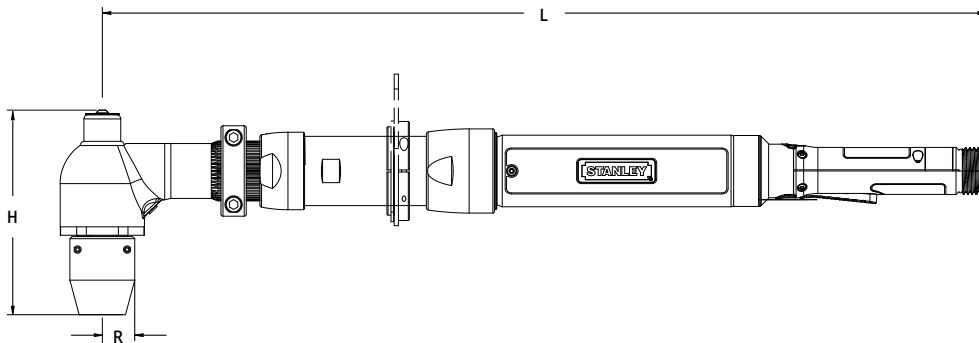
Tubenut Tool Options

30Nm - 102Nm

Suspension Bails	Part No.
Wire Bail	A3061
Swivel Bail	20K200000
Reaction Bar	Part No.
Reaction Bar Assembly (Default)	20K100000
Mounting Flange EB33	20K100300
Mounting Flange EB33, EB44	20K100400
Base Mount Bracket Assembly	20K100500

Hold and Drive Lever Tools – 1" Output

9.2 to 380 Nm



	Rated Speed	Max Torque		"R" Side to Center		"H" Head Height		"L" Length		Weight		Travel
Model	RPM	Nm	lb ft	mm	in	mm	in	mm	in	kg	lb	Standard
EB33LH18V1-46	880	46	33.9	18	0.71	131.9	5.2	464	18.3	2.2	4.9	1"
EB34LH22AV1-77	510	77	56.8	22	0.87	143.8	5.7	521	20.5	3.4	7.5	
EB34LH22AV1-110	335	110	81.1	22	0.87	143.8	5.7	543	21.4	3.4	7.5	
EB55LH26V1-150	620	150	110.6	26	1.02	142.8	5.6	637	25.1	5.8	12.8	
EB45LH26V1-155	400	155	114.3	26	1.02	142.8	5.6	582	22.9	5.5	12.1	
EB45LH26V1-220	260	220	162.3	26	1.02	142.8	5.6	582	22.9	5.5	12.1	
EB55LH32V1-285	340	285	210.2	32	1.3	179.6	7.1	639	25.1	6.2	13.6	
EB55LH32V1-380	225	380	280.3	32	1.3	179.6	7.1	639	25.1	6.2	13.6	

A Tang holds the bolt while the nut is tightened

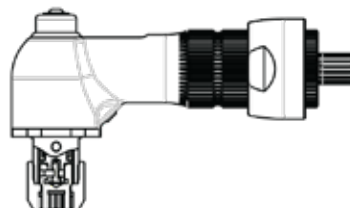


NOTE: The bolt can extend beyond the nut no more than the specified travel distance when tightened.

1" DC H&D Lever Tool Options

H32 Tang Holder	Part No.
Female Tang Holder Options	20D900601
H32 Bit Holder	Part No.
Bit Holder Options	20D900602
H32 Reaction Bar	Part No.
Reaction Bar Assembly	20K100200
Mounting Flange Assembly	20K100700
Base Mount Bracket Assembly	20K100600
Reaction Bar Assembly, HD	20K100202

See pages 126-137 for the Hold and Drive Configuration Guide



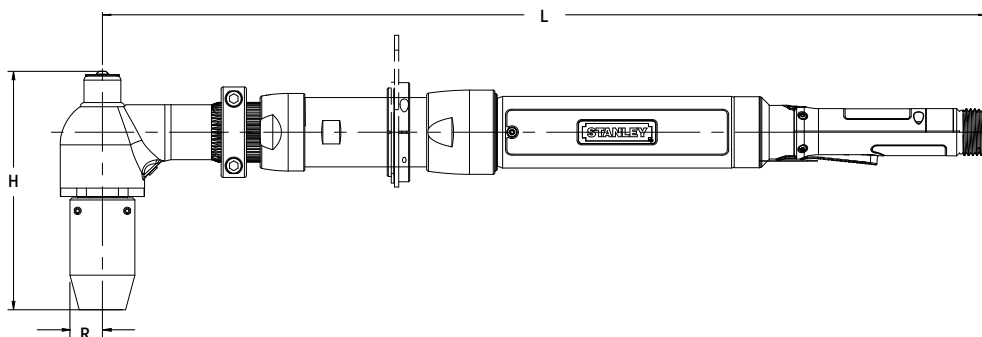
Sockets and Accessories
begin on page 112

1" H&D Lever Tool Options

H18 Output	Part No.
Socket Options	20D905700
1" Travel Bit Holder Output	20D124600
1" Travel Tang Holder Output	20D124602
H18 Tang Holder	Part No.
6mm x 8mm Rectangle	20D261700
5mm x 7.5mm Rectangle	20D261701
6mm x 10mm Rectangle	20D261702
6mm Hex	20D261703
H18 Bit Holder	Part No.
1/4" Hex	20D254200
5/16" Hex	20D253400
H22 Output	Part No.
Socket Options	-N4617
1" Travel Tang Holder Output	20D103211
1" Travel Bit Holder Output	20D103212
H22 Tang Holder	Part No.
Female Tang Holder Options	-F4287
H22 Bit Holder	Part No.
Bit Holder Options	-F4288
H22 Reaction Bar	Part No.
Reaction Bar Assembly (Default)	20K100000
Mounting Flange Assembly	20K100300
Base Mount Bracket Assembly	20K100500
H26 Output	Part No.
Socket Options	-F4285
1" Travel Tang Holder Output	20D103601
1" Travel Bit Holder Output	20D103602
H26 Tang Holder	Part No.
Female Tang Holder Options	-H4948
H26 Bit Holder	Part No.
Bit Holder Options	-H4947
H26 Reaction Bar	Part No.
Reaction Bar Assembly	20K100200
Mounting Flange Assembly	20K100700
Base Mount Bracket Assembly	20K100600
Reaction Bar Assembly, HD	20K100202
H32 Output	Part No.
Socket Options	-A5302
1" Travel Tang Holder Output	20D103701
1" Travel Bit Holder Output	20D103702
Handle Options	Part No.
EB3/4/5 Forward Facing Lever	20H100107

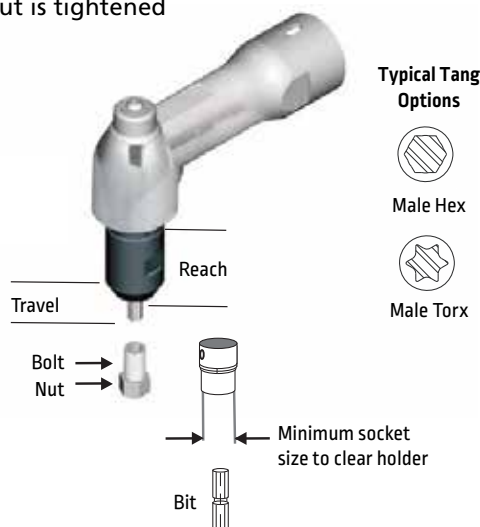
Hold and Drive Lever Tools – 2" Output

9.2 to 380 Nm



	Rated Speed	Max Torque		"R" Side to Center		"H" Head Height		"L" Length		Weight		Travel
Model	RPM	Nm	lb ft	mm	in	mm	in	mm	in	kg	lb	Standard
EB33LH18V2-46	880	46	33.9	18	0.71	190.3	7.5	464	18.3	2.1	4.6	2"
EB34LH22AV2-77	510	77	56.8	22	0.87	199.0	7.8	521	20.5	3.1	6.8	
EB34LH22AV2-110	335	110	81.1	22	0.87	199.0	7.8	543	21.4	3.1	6.8	
EB45LH26V2-155	400	155	114.3	26	1.02	168.2	6.6	582	22.9	4.6	10.0	
EB55LH26V2-210	460	210	154.9	26	1.02	168.2	6.6	637	25.1	5.8	12.8	
EB45LH26V2-220	260	220	162.3	26	1.02	168.2	6.6	582	22.9	4.6	10.0	
EB55LH32V2-285	340	285	210.2	32	1.3	205	8.1	639	25.1	6.2	13.6	
EB55LH32V2-380	225	380	280.3	32	1.3	205	8.1	639	25.1	6.2	13.6	

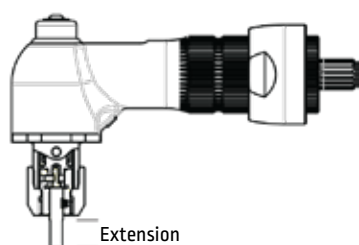
A Bit holds the bolt while the nut is tightened



2" DC H&D Lever Tool Options

H32 Tang Holder	Part No.
Female Tang Holder Options	20D900601
H32 Bit Holder	Part No.
Bit Holder Options	20D900602
H32 Reaction Bar	Part No.
Reaction Bar Assembly	20K100200
Mounting Flange Assembly	20K100700
Base Mount Bracket Assembly	20K100600
Reaction Bar Assembly, HD	20K100202

See pages 126-137 for the Hold and Drive Configuration Guide



Sockets and Accessories
begin on page 112

2" H&D Lever Options

H18 Output	Part No.
Socket Options	20D905700
2" Travel Bit Holder Output	20D124601
2" Travel Tang Holder Output	20D124603
H18 Tang Holder	Part No.
6mm x 8mm Rectangle	20D261700
5mm x 7.5mm Rectangle	20D261701
6mm x 10mm Rectangle	20D261702
6mm Hex	20D261703
H18 Bit Holder	Part No.
1/4" Hex	20D254200
5/16" Hex	20D253400
H22 Output	Part No.
Socket Options	~N4617
2" Travel Tang Holder Output	20D103213
2" Travel Bit Holder Output	20D103214
H22 Tang Holder	Part No.
Female Tang Holder Options	~F4287
H22 Bit Holder	Part No.
Bit Holder Options	~F4288
H22 Reaction Bar	Part No.
Reaction Bar Assembly (Default)	20K100000
Mounting Flange Assembly	20K100300
Base Mount Bracket Assembly	20K100500
H26 Output	Part No.
Socket Options	~F4285
2" Travel Tang Holder Output	20D103603
2" Travel Bit Holder Output	20D103604
H26 Tang Holder	Part No.
Female Tang Holder Options	~H4948
H26 Bit Holder	Part No.
Bit Holder Options	~H4947
H26 Reaction Bar	Part No.
Reaction Bar Assembly	20K100200
Mounting Flange Assembly	20K100700
Base Mount Bracket Assembly	20K100600
Reaction Bar Assembly, HD	20K100202
H32 Output	Part No.
Socket Options	~A5302
2" Travel Tang Holder Output	20D103703
2" Travel Bit Holder Output	20D103704
Handle Options	Part No.
EB3/4/5 Forward Facing Lever	20H100107



EB-Series Corded Fixtured Tools

High Speed, Redundant Transducer and Flexible Cable connections.

FEATURES AND BENEFITS:

- Controllers Enable Multiple Spindle Operation Including Synchronization.
- Redundant Transducer Optional
- 360° Viewable High / OK / Low Lights Alert
- Operator to Fastening Status
- Fixtured Tool Cable Connector can be Rotated in 90° Increments.



OUTPUT OPTIONS

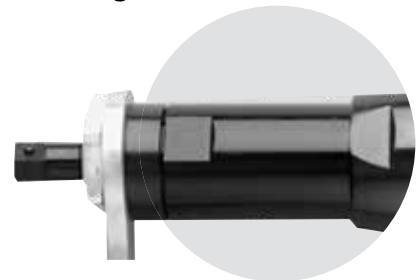
Angle



Retractable Angle



Straight



Retractable Straight



REACTION MOUNTING COMPONENTS



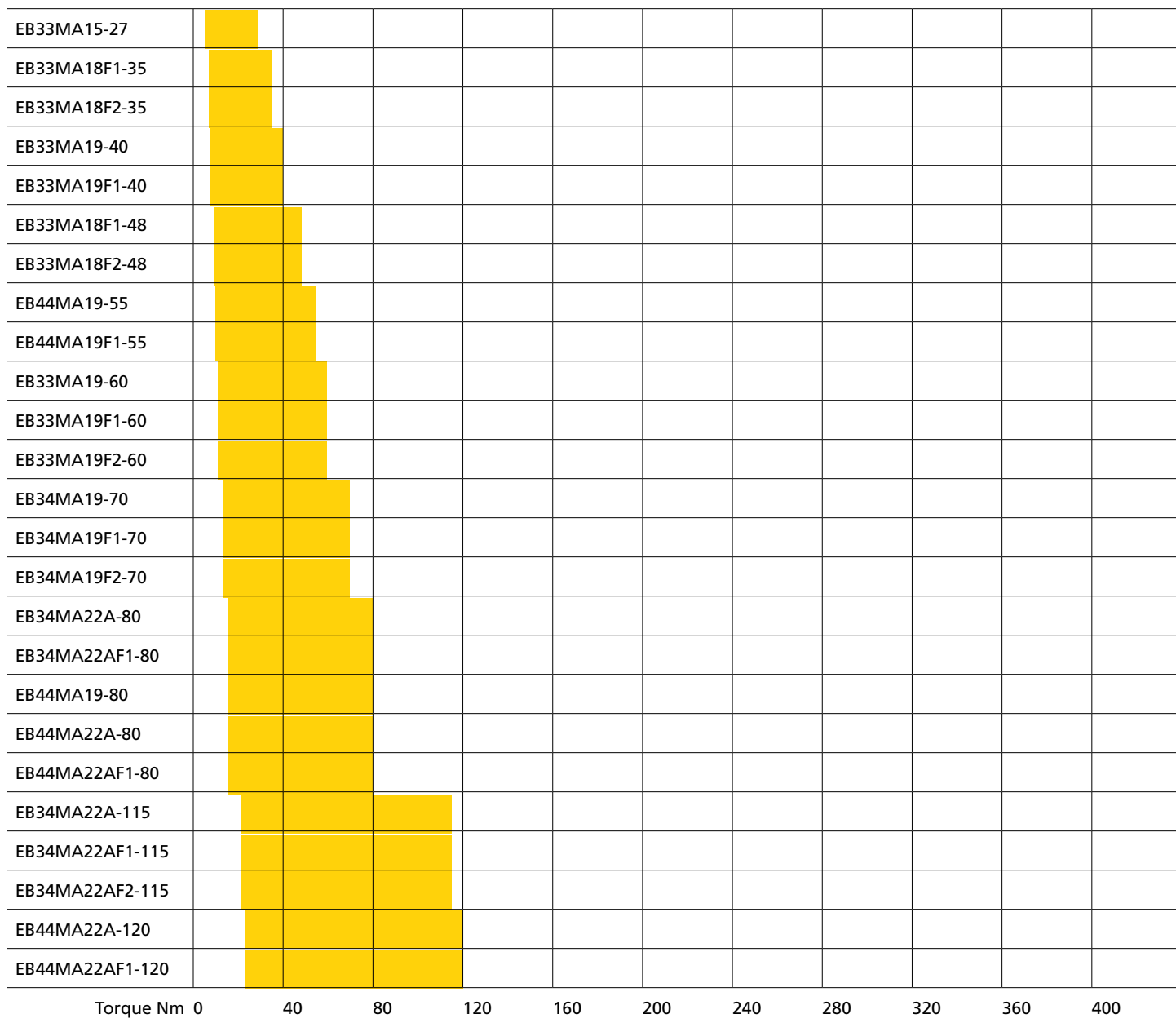
Retractable Offset



EB-Series Torque Range: Fixtured Style

Angle Fixtured Mount Style

MODELS:



Please Note: This chart is a guide for the use of our tools. Programming of these tools can have a direct effect on the capability and performance.

Angle Fixtured Mount Style, *continued*

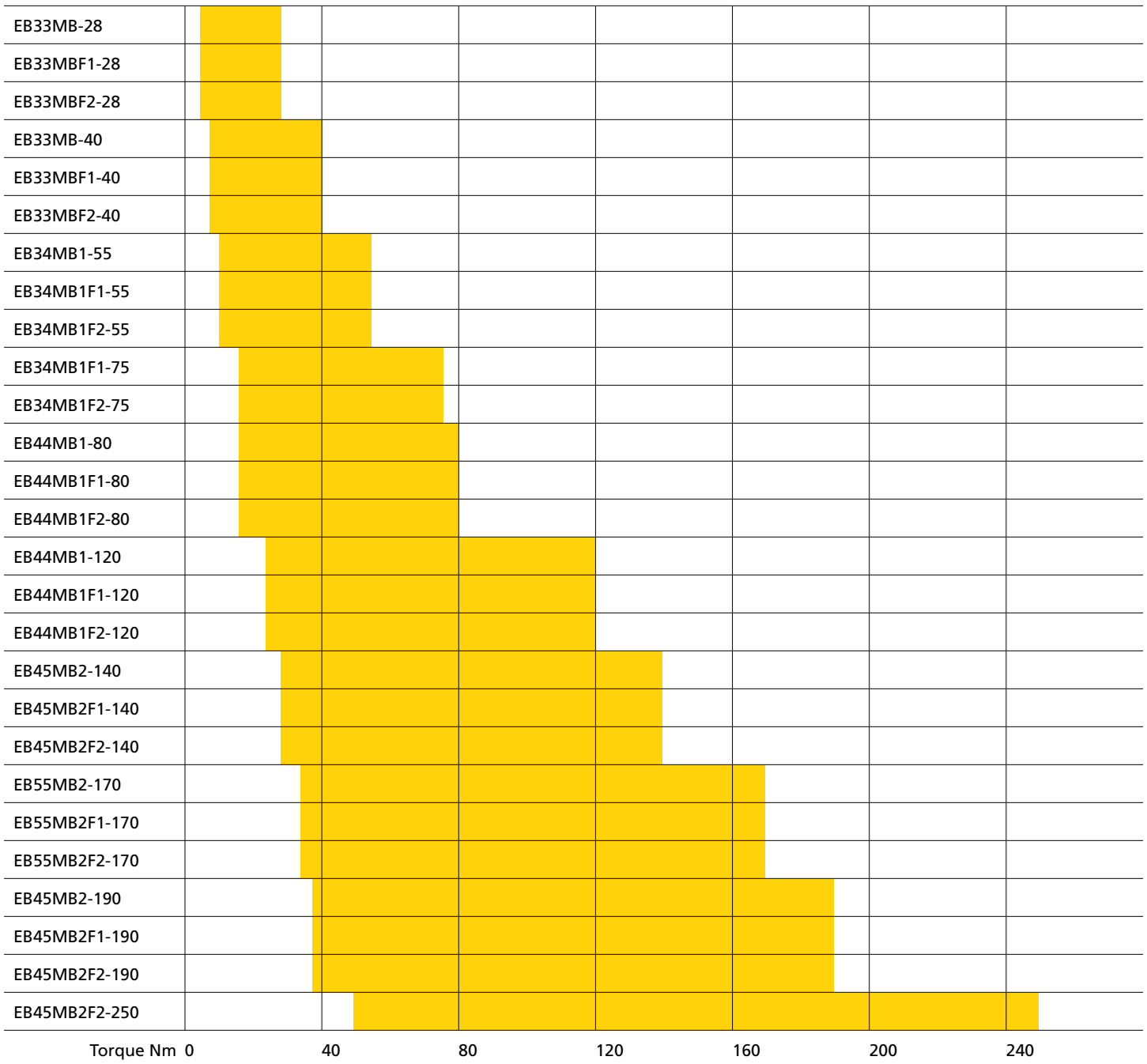
MODELS:

EB55MA26-120												
EB55MA26F1-120												
EB55MA26-160R												
EB55MA26F1-160												
EB45MA26-165												
EB45MA26F1-165												
EB45MA26-220												
EB45MA26F1-220												
EB55MA26-220												
EB55MA26F1-220												
EB55MA26F2-220												
EB55MA32-300												
EB55MA32F1-300												
EB55MA32F2-300												
EB55MA32-400												
EB55MA32F1-400												
EB55MA32F2-400												
Torque Nm 0 40 80 120 160 200 240 280 320 360 400												

Please Note: This chart is a guide for the use of our tools. Programming of these tools can have a direct effect on the capability and performance.

Inline Fixtured Mount Style

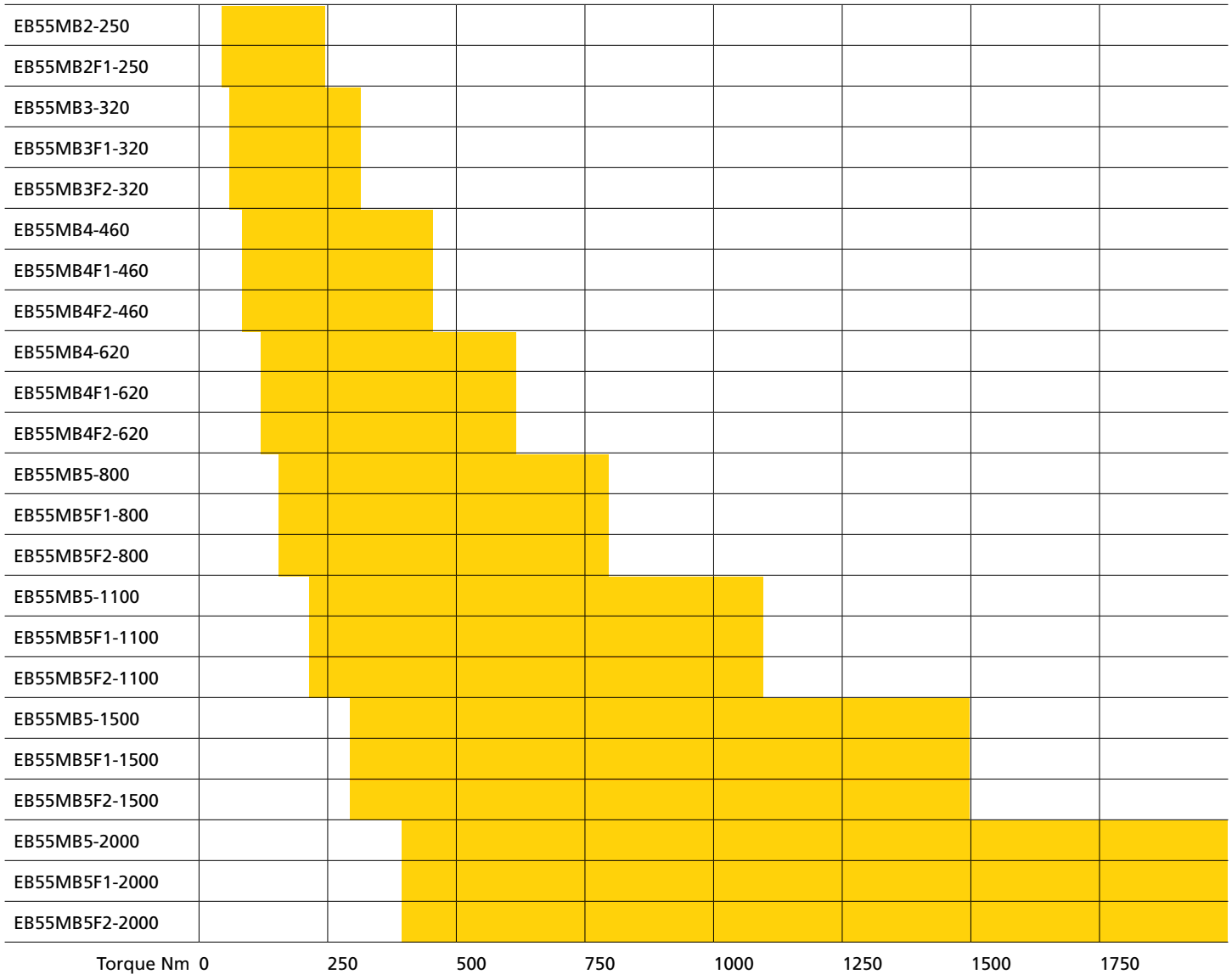
MODELS:



Please Note: This chart is a guide for the use of our tools. Programming of these tools can have a direct effect on the capability and performance.

Inline Fixtured Mount Style, *continued*

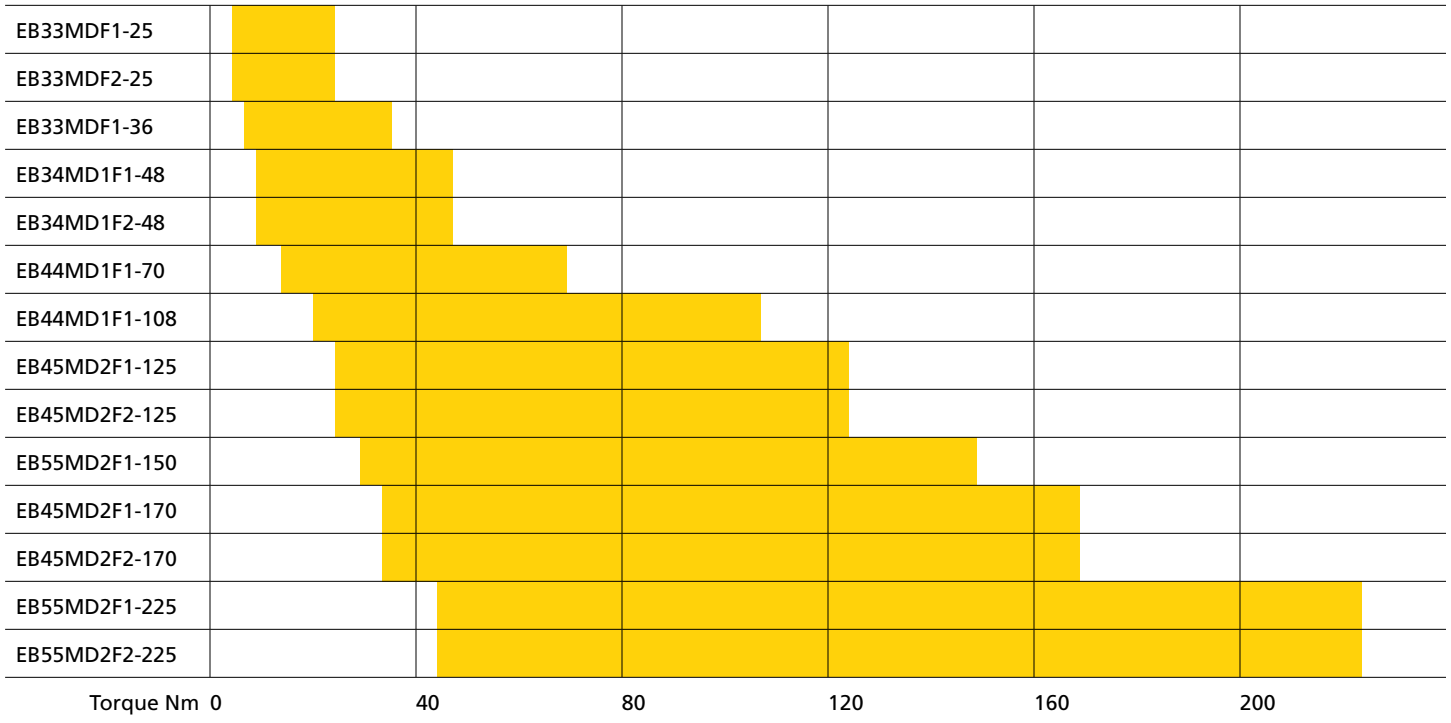
MODELS:



Please Note: This chart is a guide for the use of our tools. Programming of these tools can have a direct effect on the capability and performance.

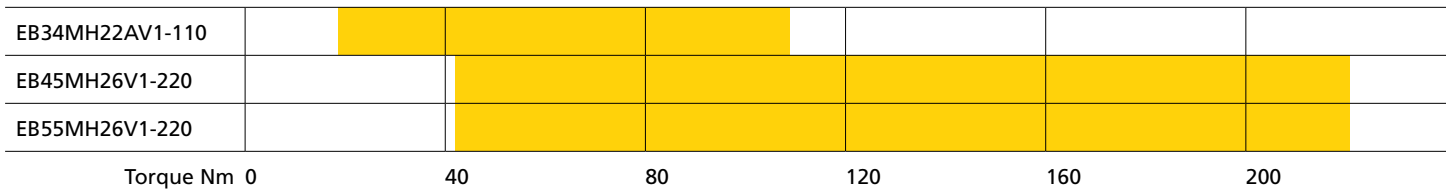
Offset Fixtured Mount Style

MODELS:



Hold and Drive Fixtured Mount Style

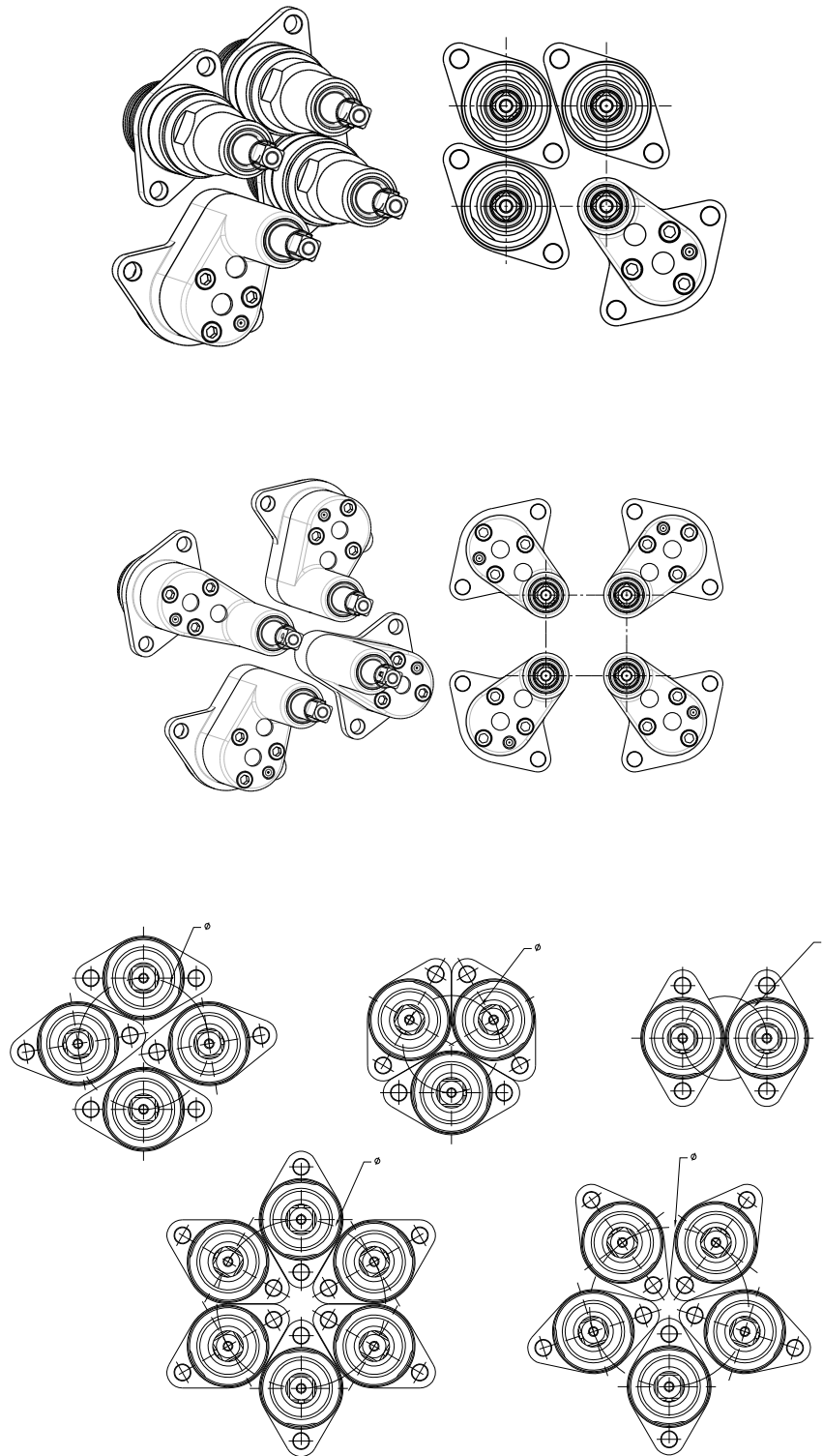
MODELS:



Please Note: These charts are a guide for the use of our tools. Programming of these tools can have a direct effect on the capability and performance.

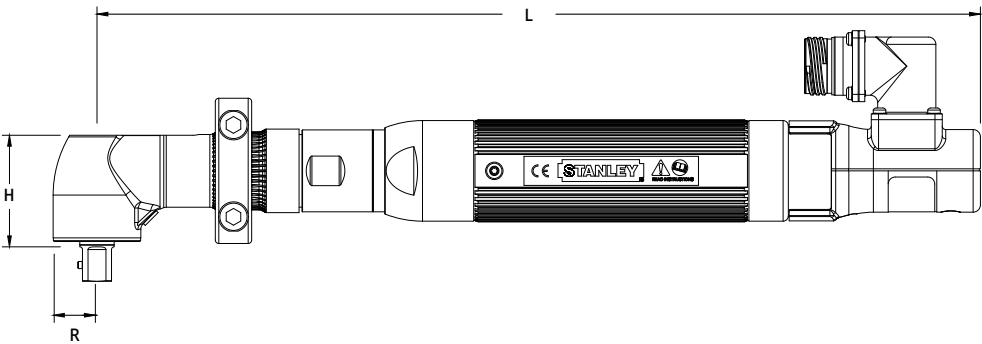
Fixtured Tools Pattern Mounting

Examples of how to create unique square or circular bolt patterns for Inline and Offset Retractable tools:



Angle Fixtured Tools

8 to 60 Nm



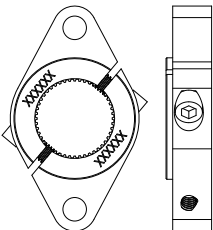
	Rated Speed	Max Torque		“R” Side to Center		“H” Head Height		“L” Length		Weight		Output
Model	RPM	Nm	lb ft	mm	in	mm	in	mm	in	kg	lb	Standard
EB33MA15-27	1515	27	19.9	15	0.59	36.6	1.44	382.9	15.1	1.7	3.75	3/8” SD
EB33MA19-40	1025	40	29.5	19	0.75	48.7	1.92	385.8	15.2	1.9	4.11	1/2” SD
EB33MA18F0-48	881	48	35.4	17.5	0.69	39.3	1.55	382.8	15.1	2.41	5.31	3/8” SD
EB33MA19-60	680	60	44.2	19	0.75	48.7	1.92	385.8	15.2	2.31	5.10	1/2” SD

Angle Fixtured Options EB33

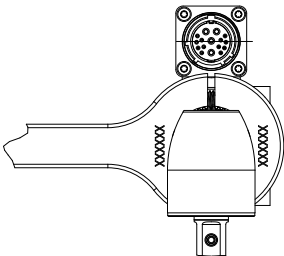
A19 Threaded Output	Part No.
Flush Socket	20D100021
Suspension Bails	Part No.
Wire Bail	A3061
Swivel	20K200000
Standard	B3432
Reaction Device	Part No.
Reaction Bar, Steel [Default]	20K100000
Base Mount Bracket	20K100500
Mounting Flange-B	20K100300

**Due to the welded flange, the above options are not applicable to EB33MA18F0-48.*

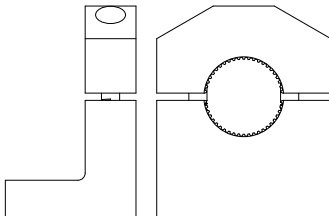
Mounting / Reaction Options



Optional Flange Mount Bracket



Standard Reaction Bar



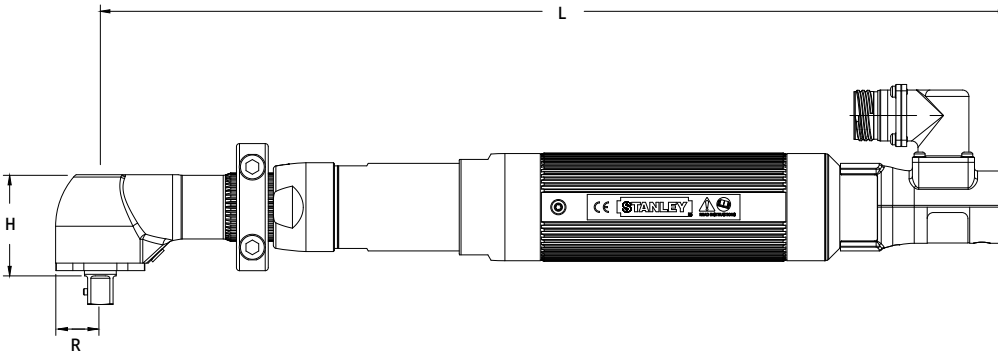
Optional Base Mount Bracket



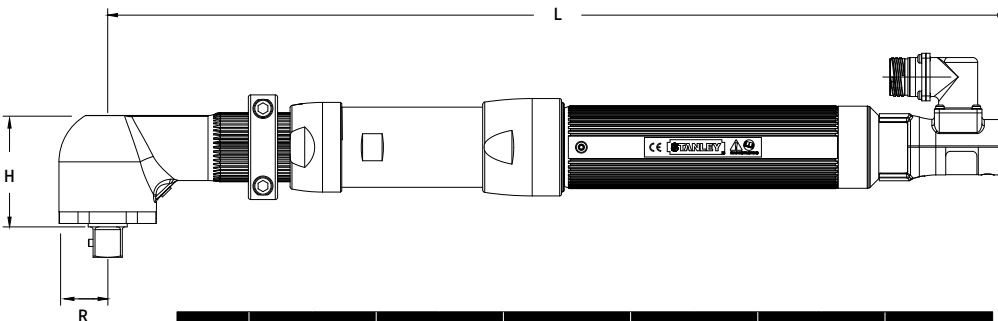
Sockets and Accessories
begin on **page 112**

Angle Fixtured Tools

24 to 400 Nm



	Rated Speed	Max Torque		"R" Side to Center		"H" Head Height		"L" Length		Weight		Output
Model	RPM	Nm	lb ft	mm	in	mm	in	mm	in	kg	lb	Standard
EB44MA19-55	1190	55	40.6	19	0.75	48.7	1.92	445	7.5	3.2	6.97	1/2" SD
EB34MA19-70	610	70	51.6	19	0.75	48.7	1.92	433	17.0	3.2	6.97	
EB34MA22A-80	510	80	59.0	22	0.87	50.0	2.00	441	17.4	3.1	6.82	
EB44MA19-80	845	80	59.0	19	0.75	48.7	1.92	445	17.5	3.2	6.97	
EB44MA22A-80	810	80	59.0	22	0.87	50.0	2.00	453	17.8	3.1	6.82	
EB34MA22A-115	340	115	84.8	22	0.87	50.0	2.00	463	18.2	3.5	7.75	
EB44MA22A-120	550	120	88.5	22	0.87	50.0	2.00	453	17.8	3.53	7.8	



	Rated Speed	Max Torque		"R" Side to Center		"H" Head Height		"L" Length		Weight		Output
Model	RPM	Nm	lb ft	mm	in	mm	in	mm	in	kg	lb	Standard
EB55MA26-120	825	120	88.5	26	1.02	60	2.4	557	21.9	6.2	13.6	3/4" SD
EB55MA26-160	620	160	118	26	1.02	60	2.4	557	21.9	6.2	13.6	
EB45MA26-165	400	165	122	26	1.02	60	2.4	503	19.8	4.6	10.0	
EB45MA26-220	260	220	162	26	1.02	60	2.4	527	20.7	4.6	10.0	
EB55MA26-220	460	220	162	26	1.02	60	2.4	556	21.9	6.7	14.7	
EB55MA32-300	340	300	221	32	1.3	73	2.9	563	22.1	7.3	16.1	
EB55MA32-400	225	400	295	32	1.3	73	2.9	563	22.1	7.3	16.1	

Angle Fixtured Options

EB34, EB44

A19 Splined Output	Part No.
Anti-Vibration 1/2" SD	20D100101
Flush Socket	20D100106
1/2" Double-Ended, RH Thread*	20D100107
A22A Output	Part No.
Flush Socket	20D100309
1/2" Double-Ended, RH Thread*	20D100326
Reaction Device	Part No.
Reaction Bar, Steel [Default]	20K100000
Base Mount Bracket	20K100500
Mounting Flange	20K100302
1/2" SD Socket Lock Pin	Part No.
Standard	20D227800
Rounded [Ball Detent]	20D227801

*RH-Thread is Right-Hand Thread. This is an option used if the end user uses the additional output for clockwise tightening or loosening.

Angle Fixtured Options

EB45, EB55

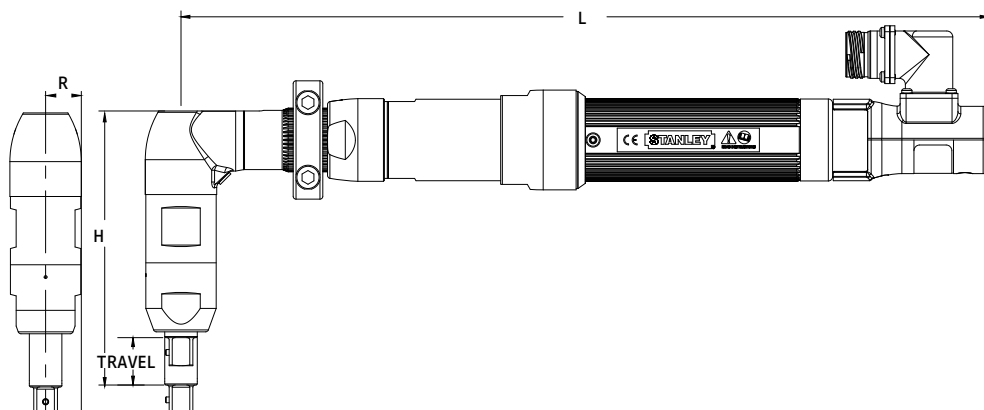
A26 Output	Part No.
Flush Socket	20D100409
5/8" Square Drive	20D100400
Reaction Device	Part No.
Reaction Bar, Steel [Default]	20K100200
Reaction Bar, Steel, Heavy Duty	20K100202
Base Mount Bracket	20K100600
Mounting Flange-B	20K100700
3/4" SD Socket Lock Pin	Part No.
Standard	20D125200
Rounded [Ball Detent]	20R202300



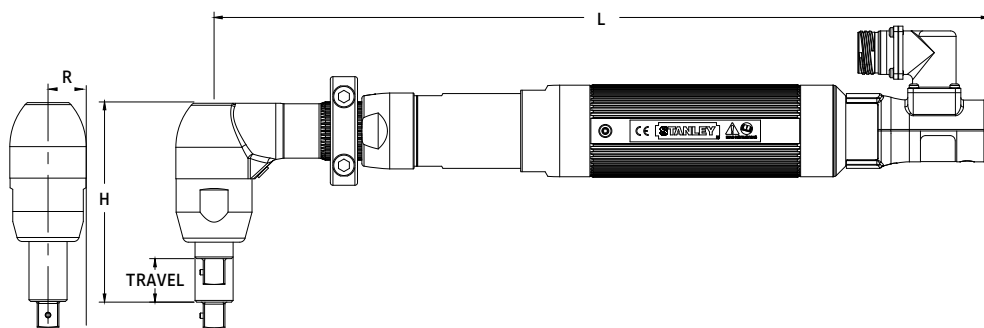
Sockets and Accessories
begin on page 112

Angle Retractable Fixtured Tools

8 to 120 Nm



	Rated Speed	Max Torque		"R" Side to Center		"H" Head Height		"L" Length		Weight		Output	
Model	RPM	Nm	lb ft	mm	in	mm	in	mm	in	kg	lb	Retraction	Standard
EB33MA18F1-35	1165	35	25.8	18	0.71	84	3.3	462.74	18.22	3.25	7.2	25 mm 1"	3/8" SD
EB33MA19F1-40	1025	40	29.5	19	0.75	146.5	5.8	385	15.1	2.80	6.15		1/2" SD
EB33MA18F1-48	880	48	35.4	18	0.71	84	3.3	462.74	18.22	3.25	7.2		3/8" SD
EB44MA19F1-55	1190	55	40.6	19	0.75	146.5	5.8	445	17.5	3.18	7.02		1/2" SD
EB33MA19F1-60	680	60	44.2	19	0.75	146.5	5.8	385	15.1	2.80	6.15		1/2" SD
EB34MA19F1-70	610	70	51.6	19	0.75	146.5	5.8	433	17.0	2.74	6.05		1/2" SD



	Rated Speed	Max Torque		"R" Side to Center		"H" Head Height		"L" Length		Weight		Output	
Model	RPM	Nm	lb ft	mm	in	mm	in	mm	in	kg	lb	Retraction	Standard
EB34MA22AF1-80	510	80	59.0	22	0.87	114	4.5	441	17.4	3.1	6.75	25 mm 1"	1/2" SD
EB44MA22AF1-80	810	80	59.0	22	0.87	114	4.5	453	17.8	3.5	7.72		
EB34MA22AF1-115	340	115	84.8	22	0.87	114	4.5	463	18.2	3.1	6.75		
EB44MA22AF1-120	550	120	88.5	22	0.87	114	4.5	453	17.8	3.5	7.72		

Angle Retractable Fixtured Options

EB33

Spring Options	Part No.
Standard	A5313
8 lb Compression	20R201407
Output Options	Part No.
2" Extended Output	20D115901
Reaction Device	Part No.
Reaction Bar, Steel (Default)	20K100000
Base Mount Bracket	20K100500
Mounting Flange-B	20K100300
Suspension Bails	Part No.
Wire Bail	A3061
Swivel	20K200000
Standard	B3432
1/2" SD Socket Lock Pin	Part No.
Standard	20D227800
Rounded (Ball Detent)	20D227801
<i>*Due to the welded flange, the above options are not applicable to EB33MA18F1-XX tools.</i>	

Angle Retractable Fixtured Options

EB34, EB44

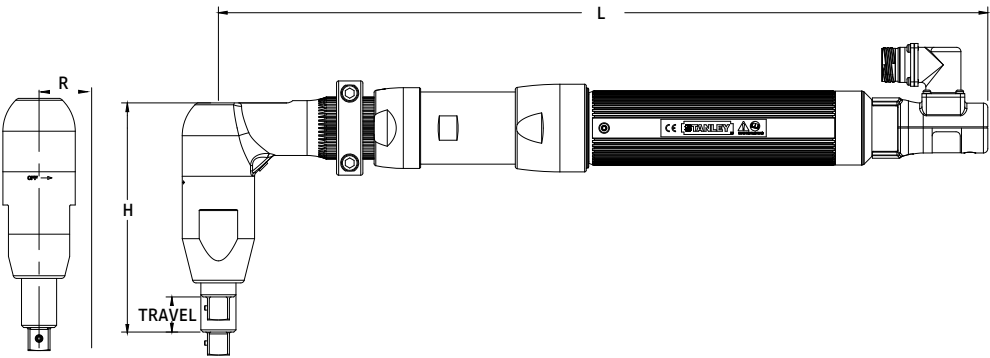
Spring Options	Part No.
Standard	M4283
5.8 lb Compression	H4003
8.6 lb Compression	M4800
Output Options	Part No.
2" Extended Output	M4306
2-5/8" Extended Output	20D117700
8" Extended Output	M4466
Reaction Device	Part No.
Reaction Bar, Steel (Default)	20K100100
Base Mount Bracket	20K100500
Mounting Flange	20K100302
1/2" SD Socket Lock Pin	Part No.
Standard	20D227800
Rounded (Ball Detent)	20D227801



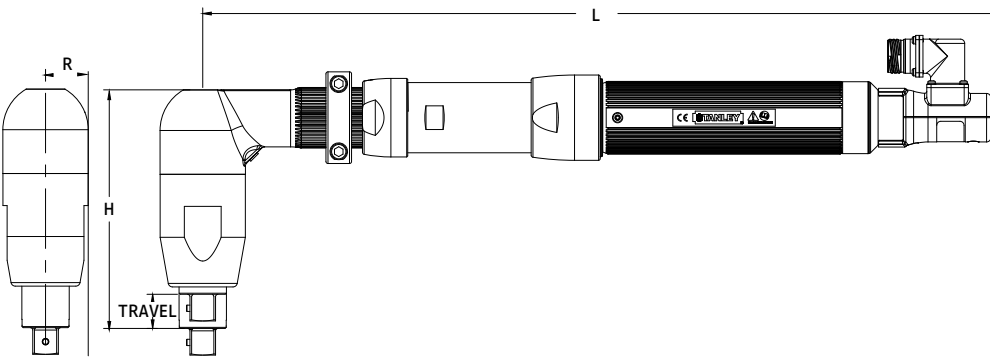
Sockets and Accessories
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Angle Retractable Fixtured Tools

24 to 400 Nm

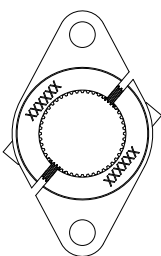


	Rated Speed	Max Torque		"R" Side to Center		"H" Head Height		"L" Length		Weight		Output	
Model	RPM	Nm	lb ft	mm	in	mm	in	mm	in	kg	lb	Retraction	Standard
EB55MA26F1-120	825	120	88.5	26	1.02	166	6.5	557	21.9	5.2	11.4	25 mm 1"	3/4" SD
EB55MA26F1-160	620	160	118	26	1.02	166	6.5	557	21.9	5.2	11.4		
EB45MA26F1-165	400	165	122	26	1.02	166	6.5	503	19.8	4.6	10.0		
EB45MA26F1-220	260	220	162	26	1.02	166	6.5	527	20.7	4.6	10.0		
EB55MA26F1-220	460	220	162	26	1.02	166	6.5	557	21.9	7.5	16.6		

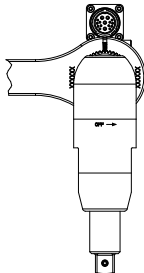


	Rated Speed	Max Torque		"R" Side to Center		"H" Head Height		"L" Length		Weight		Output	
Model	RPM	Nm	lb ft	mm	in	mm	in	mm	in	kg	lb	Retraction	Standard
EB55MA32F1-300	340	300	221	32	1.26	178	7.0	563	22.1	7.3	16.1	25 mm 1"	3/4" SD
EB55MA32F1-400	225	400	295	32	1.26	178	7.0	563	22.1	7.3	16.1		

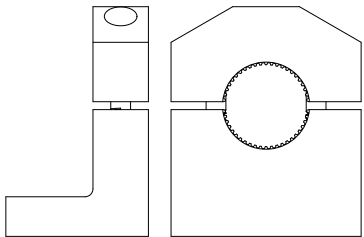
Mounting / Reaction Options



Optional Flange Mount Bracket



Standard Reaction Bar



Optional Base Mount Bracket

Angle Retractable Fixtured Options

EB45, EB55

Spring Options	Part No.
Standard	20R201414
11 lb Compression	20R201417
Reaction Device	Part No.
Reaction Bar, Steel [Default]	20K100200
Reaction Bar, Steel	20K100202
Base Mount Bracket	20K100600
Mounting Flange-B	20K100700
3/4" SD Socket Lock Pin	Part No.
Standard	20D227800
Rounded [Ball Detent]	20D227802

Angle Retractable Fixtured Options

EB55

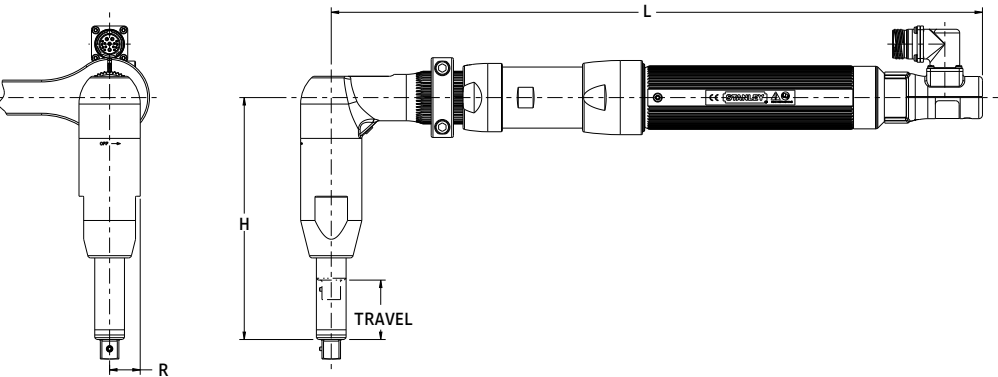
Spring Options	Part No.
Standard	M4606
7.6 lb Compression	M4331
Output Options	Part No.
2.5" Extended Output	20D114800
4" Extended Output	M4740
Reaction Device	Part No.
Reaction Bar, Steel [Default]	20K100200
Reaction Bar, Steel	20K100202
Base Mount Bracket	20K100600
Mounting Flange-B	20K100700
3/4" SD Socket Lock Pin	Part No.
Standard	20D227800
Rounded [Ball Detent]	20D227802



Sockets and Accessories
begin on page 112

Angle Retractable Fixtured Tools

12 to 400 Nm



	Rated Speed	Max Torque		"R" Side to Center		"H" Head Height		"L" Length		Weight		Output	
Model	RPM	Nm	lb ft	mm	in	mm	in	mm	in	kg	lb	Retraction	Standard
EB33MA18F2-35	1165	35	25.8	18	0.71	176.28	6.94	462.74	18.22	3.25	7.2	50.8 mm 2"	3/8" SD
EB33MA18F2-48	880	48	35.4	18	0.71	176.28	6.94	462.74	18.22	3.25	7.2		1/2" SD
EB33MA19F2-60	680	60	44.2	19	0.75	193	7.6	386	15.2	3.1	6.83		3/8" SD
EB34MA19F2-70	610	70	51.6	19	0.75	177.67	6.99	433.16	17.05	3.5	7.7		5/8" SD
EB34MA22AF2-115	335	115	84.8	22	0.87	186.2	7.33	463	18.2	3.5	7.7		3/4" SD
EB55MA26F2-220	460	220	162	26	1.02	225	8.9	557	21.9	5.7	12.5		
EB55MA32F2-300	340	300	221	32	1.26	269	10.6	563	22.2	7.8	17.2		
EB55MA32F2-400	225	400	295	32	1.26	269	10.6	586	23	7.8	17.2		

Angle Retractable Fixtured Options

EB45, EB55

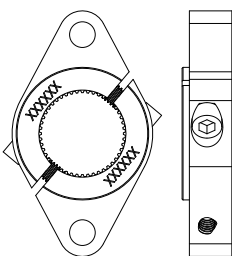
Spring Options	Part No.
Standard	20R201414
11 lb Compression	20R201417
Reaction Device	Part No.
Reaction Bar, Steel [Default]	20K100200
Reaction Bar, Steel	20K100202
Base Mount Bracket	20K100600
Mounting Flange-B	20K100700
3/4" SD Socket Lock Pin	Part No.
Standard	20D227800
Rounded (Ball Detent)	20D227802

Angle Retractable Fixtured Options

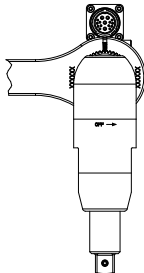
EB55

Spring Options	Part No.
Standard	M4606
7.6 lb Compression	M4331
Output Options	Part No.
2.5" Extended Output	20D114800
4" Extended Output	M4740
Reaction Device	Part No.
Reaction Bar, Steel [Default]	20K100200
Reaction Bar, Steel	20K100202
Base Mount Bracket	20K100600
Mounting Flange-B	20K100700
3/4" SD Socket Lock Pin	Part No.
Standard	20D227800
Rounded (Ball Detent)	20D227802

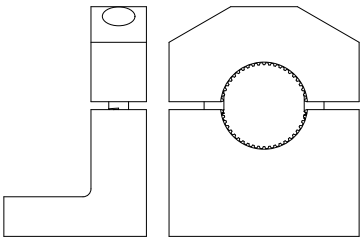
Mounting / Reaction Options



Optional Flange Mount Bracket



Standard Reaction Bar



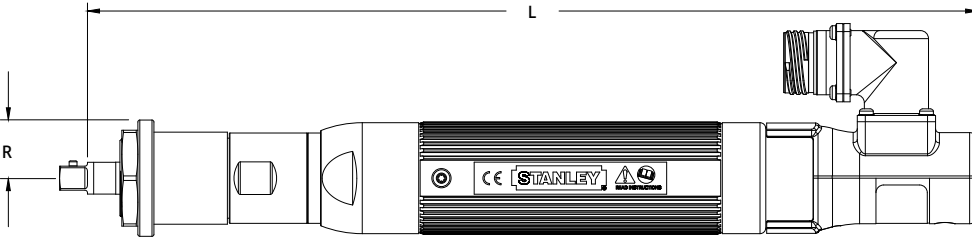
Optional Base Mount Bracket



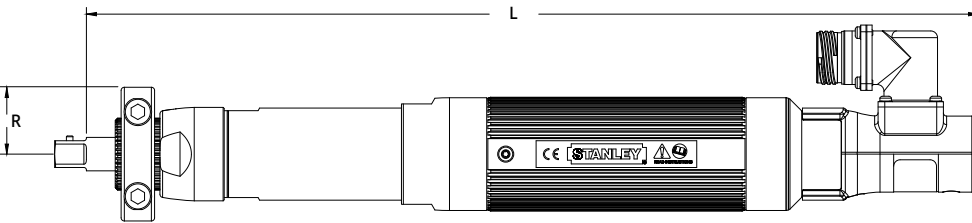
Sockets and Accessories
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Inline Fixtured Tools

5.6 to 120 Nm



	Rated Speed	Max Torque		"R" Side to Center		"L" Length		Weight		Output
Model	RPM	Nm	lb ft	mm	in	mm	in	kg	lb	Standard
EB33MB-28	1590	28	20.6	24	0.93	359	14.1	1.89	4.15	3/8" SD
EB33MB-40	1120	40	29.5	24	0.93	385	15.1	1.89	4.15	



	Rated Speed	Max Torque		"R" Side to Center		"L" Length		Weight		Output
Model	RPM	Nm	lb ft	mm	in	mm	in	kg	lb	Standard
EB34MB1-55	830	55	40.5	32	1.03	421	16.6	2.2	4.84	1/2" SD
EB44MB1-80	895	80	59	32	1.03	421	16.6	2.7	5.94	
EB44MB1-120	557	120	88.5	32	1.03	421	16.6	2.7	5.94	

Inline Fixtured Options

EB33

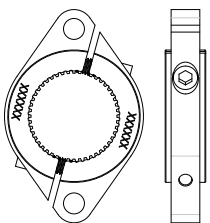
Reaction Device	Part No.
Reaction Bar, Aluminum (Default)	F3698
Reaction Bar, Steel	20K100100
Base Mount Bracket	A8606
Mounting Flange-B	20K101000
Suspension Bails	Part No.
Wire Bail	A3061
Swivel	20K101400
Standard	B3432
3/8" SD Socket Lock Pin (EB33)	Part No.
Standard	20D227800
Rounded (Ball Detent)	20D227801

Inline Fixtured Options

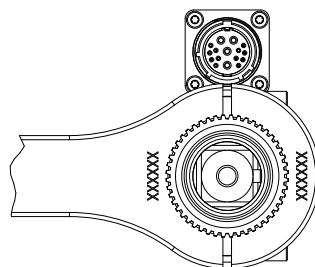
EB34, EB44

Reaction Device	Part No.
Reaction Bar, Steel (Default)	20K100100
Base Mount Bracket	20K100500
Mounting Flange-B	20K100300
1/2" SD Socket Lock Pin	Part No.
Standard	20D227800
Rounded (Ball Detent)	20D227801

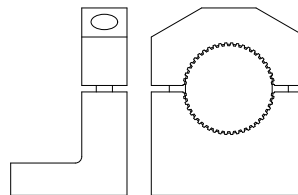
Mounting / Reaction Options



Optional Flange Mount Bracket



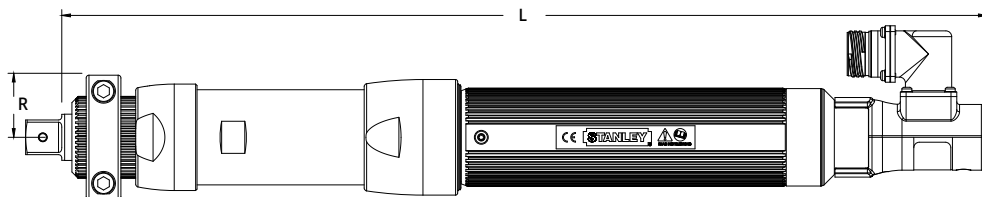
Standard Reaction Bar



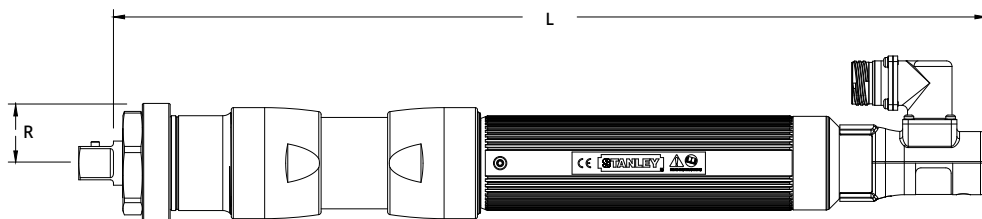
Optional Base Mount Bracket

Inline Fixtured Tools

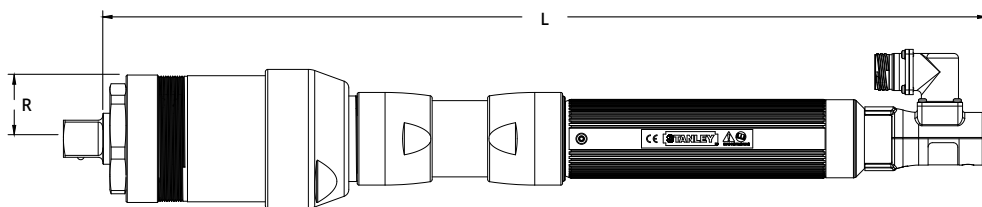
28 to 2000 Nm



	Rated Speed	Max Torque		"R" Side to Center		"L" Length		Weight		Output
Model	RPM	Nm	lb ft	mm	in	mm	in	kg	lb	Standard
EB45MB2-140	465	140	103	34	1.34	475	18.7	3.6	7.92	3/4" SD
EB55MB2-170	640	170	125	34	1.34	475	18.7	4.3	9.46	3/4" SD
EB45MB2-190	355	190	140	34	1.34	475	18.7	4.3	9.46	3/4" SD
EB55MB2-250	400	250	184	34	1.34	475	18.7	5.3	11.7	3/4" SD



	Rated Speed	Max Torque		"R" Side to Center		"L" Length		Weight		Output
Model	RPM	Nm	lb ft	mm	in	mm	in	kg	lb	Standard
EB55MB3-320	310	320	236	35	1.38	517	20.4	5.5	12.1	3/4" SD



	Rated Speed	Max Torque		"R" Side to Center		"L" Length		Weight		Output
Model	RPM	Nm	lb ft	mm	in	mm	in	kg	lb	Standard
EB55MB4-460	220	460	339	44	1.7	564	22.2	7.5	16.8	1" SD
EB55MB4-620	165	620	457	44	1.7	564	22.2	7.5	16.8	1" SD
EB55MB5-800	125	800	590	48	1.9	575	22.6	9	19.8	1" SD
EB55MB5-1100	80	1100	811	48	1.9	598	23.6	10.1	22.3	1" SD
EB55MB5-1500	60	1500	1106	48	1.9	625	24.6	10.1	22.3	1" SD
EB55MB5-2000	50	2000	1475	48	1.9	625	24.6	10.1	22.3	1" SD

Inline Fixtured Options

EB45, EB55 (MB2 Models)

Reaction Device	Part No.
Reaction Bar, Steel [Default]	20K100200
Base Mount Bracket	20K100600
Mounting Flange-B	20K100700
3/4" SD Socket Lock Pin	Part No.
Standard	20D227800
Rounded [Ball Detent]	20D227802

Inline Fixtured Options

EB55MB3 Model

Reaction Device	Part No.
Reaction Bar, Steel [Default]	B4487
Base Mount Bracket	H1140
Mounting Flange-B	M4329
3/4" SD Socket Lock Pin	Part No.
Standard	20D227800
Rounded [Ball Detent]	20D227802

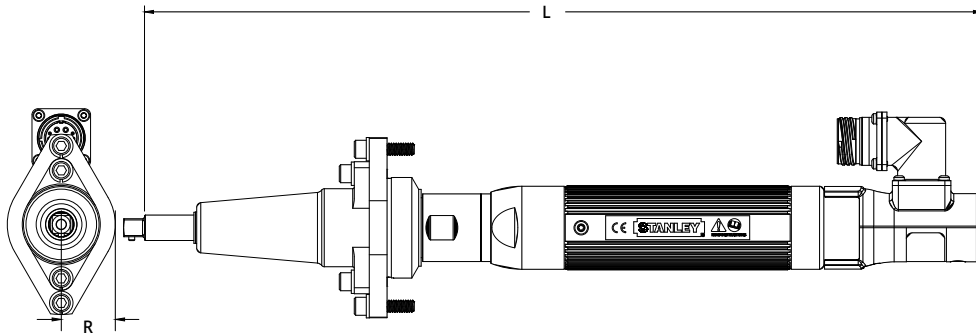
Inline Fixtured Options

EB55MB4 & 5 Models

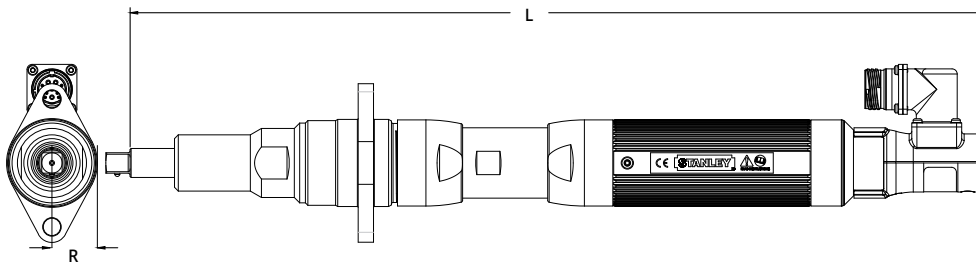
Reaction Device	Part No.
Reaction Bar, Steel [Default]	F4192
Base Mount Bracket	F4201
Mounting Flange-B	20K101100
1" SD Socket Lock Pin	Part No.
Standard	20D227800
Rounded [Ball Detent]	20D227802

Inline Retractable Fixtured Tools

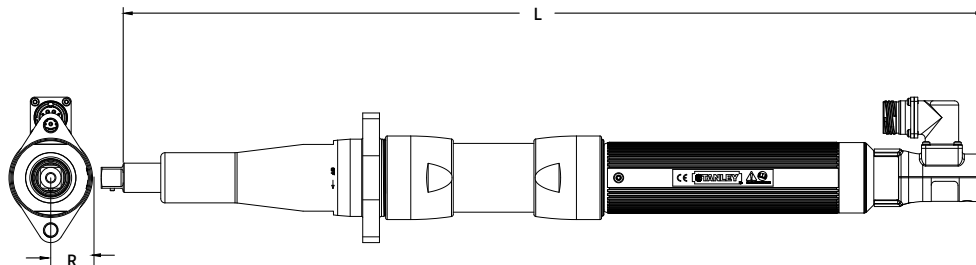
5.6 to 250 Nm



	Rated Speed	Max Torque		"R" Side to Center		"L" Length		Weight		Output	
Model	RPM	Nm	lb ft	mm	in	mm	in	kg	lb	Retraction	Standard
EB33MBF1-28	1590	28	20.6	28	1.13	443	17.4	2.56	5.63	25 mm 1"	9.5 mm 3/8" SD
EB33MBF1-40	1120	40	29.5	28	1.13	443	17.4	2.56	5.63		



	Rated Speed	Max Torque		"R" Side to Center		"L" Length		Weight		Output	
Model	RPM	Nm	lb ft	mm	in	mm	in	kg	lb	Retraction	Standard
EB34MB1F1-55	830	55	40.5	28	1.11	499	19.6	3.3	7.24	25 mm 1"	13 mm 1/2" SD
EB34MB1F1-75	545	75	55.3	28	1.11	520.7	20.5	3.25	7.2		
EB44MB1F1-80	895	80	59.0	28	1.11	511	20.1	3.8	8.34		
EB44MB1F1-120	560	120	88.5	28	1.11	533	21.0	3.8	8.34		



	Rated Speed	Max Torque		"R" Side to Center		"L" Length		Weight		Output	
Model	RPM	Nm	lb ft	mm	in	mm	in	kg	lb	Retraction	Standard
EB45MB2F1-140	465	140	103	32	1.25	600	23.6	3.6	7.92	25 mm 1"	16 mm 5/8" SD
EB55MB2F1-170	640	170	125	32	1.25	631	24.8	6.5	14.4		
EB45MB2F1-190	355	190	140	32	1.25	600	23.6	3.6	7.92		
EB55MB2F1-250	400	250	184	32	1.25	654	25.7	6.8	15.0		

Inline Retractable Fixtured Options

3/8" Output

Output Options	Part No.
Standard	M3050
24 Threaded	M3118
24 Threaded, 3/4" Long	M3227
1-5/32" Extension	S3362
1.478" Extension	M3243
2" Extension	M3090
2-3/8" Extension	S3363
3" Extension	M3229
4" Extension	M3223
4-1/16" Extension	S3486
6" Extension	M3224
7-3/8" Extension	S3626
8" Extension	M3216
8" Extension Assembly	20S104600
Spring Options	Part No.
Standard	M4096
Heavy Duty Spring	M3184
Extra Heavy Duty Spring	20R201428

Inline Retractable Fixtured Options

1/2" Output

Output Options	Part No.
Standard	20D101600
2" Extension	20D101610
3" Extension	20D101603
4" Extension	20D101608
5" Extension	20D101604
6" Extension	20D101606
7-5/16" Extension	20D101605
8" Extension	20D101609
11" Extension	20D101607
Spring Options	Part No.
Standard	B4093
Heavy Duty Spring	20R201401

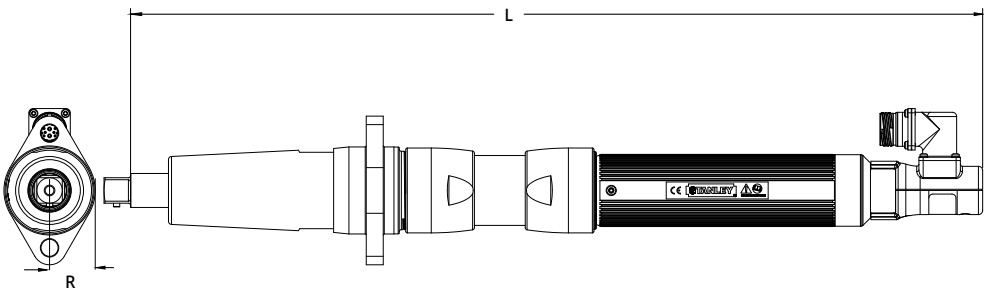
Inline Retractable Fixtured Options

5/8" Output

Output Options	Part No.
Standard	20D102901
2" Extension	20D102912
6" Extension	20D102913
Spring Options	Part No.
Standard	20R201407
Heavy Duty Spring	20R201408

Inline Retractable Fixtured Tools

64 to 2000 Nm

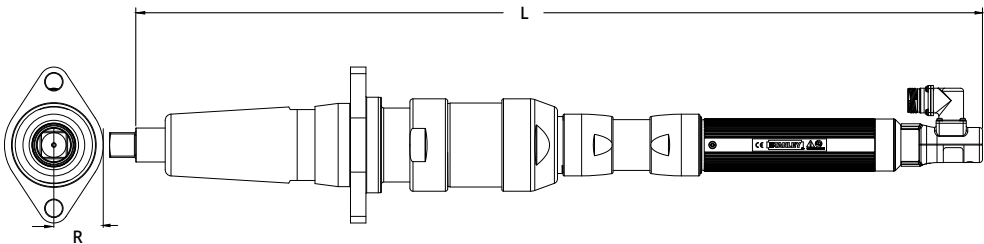


	Rated Speed	Max Torque		"R" Side to Center		"L" Length		Weight		Output	
Model	RPM	Nm	lb ft	mm	in	mm	in	kg	lb	Retraction	Standard
EB55MB3F1-320	310	320	236	34	1.34	636	25	6.7	14.74	25mm 1"	19mm 3/4" SD

Inline Retractable Fixtured Options

3/4" Output

Output Options	Part No.
Standard	20D102101
5" Extension	20D102106
Spring Options	Part No.
Standard	20R201403
Heavy Duty Spring	20R201404
Reaction Components	Part No.
Mounting Flange -MB3F	20D205600



	Rated Speed	Max Torque		"R" Side to Center		"L" Length		Weight		Output	
Model	RPM	Nm	lb ft	mm	in	mm	in	kg	lb	Retraction	Standard
EB55MB4F1-460	220	460	339	44	1.7	803	31.6	17.2	37.84	25mm 1"	25mm 1" SD
EB55MB4F1-620	165	620	457	44	1.7	803	31.6	17.2	37.84		
EB55MB5F1-800	125	800	590	50	2	840	33.0	18.3	40.26		
EB55MB5F1-1100	80	1100	811	50	2	863	34.0	18.3	40.26		
EB55MB5F1-1500	60	1500	1106	50	2	870	34.3	19.2	42.24		
EB55MB5F1-2000	50	2000	1475	50	2	870	34.3	19.2	42.24		

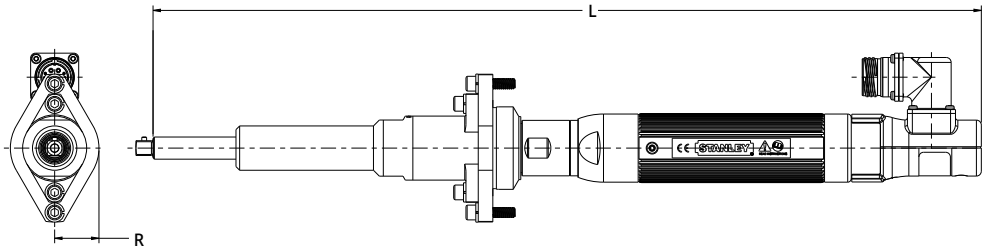
Inline Retractable Fixtured Options

1" Output

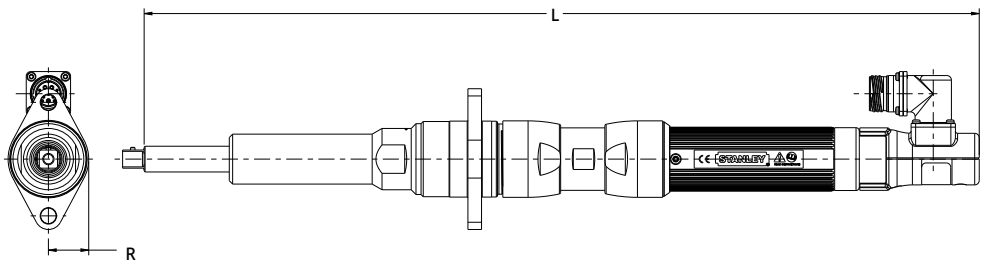
Output Options	Part No.
Standard	20D208800
2" Extension	20D208803
4" Extension	20D208802
3/4" SD (MB4F1 ONLY)	20D121100
Reaction Components	Part No.
Mounting Flange -MB4F	20D208500
Mounting Flange -MB5F	20D209500
Spring Options	Part No.
Standard	20R201411
Heavy Duty Spring	20R201442

Inline Retractable Fixtured Tools

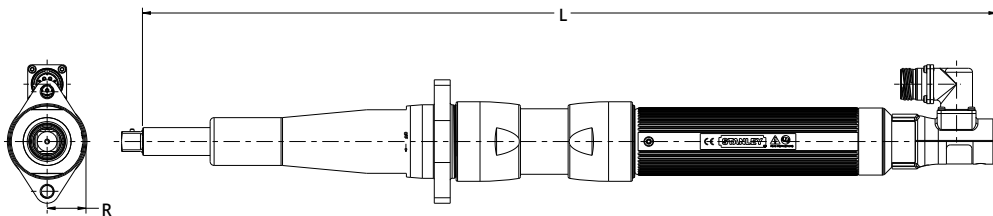
5.6 to 190 Nm



	Rated Speed	Max Torque		"R" Side to Center		"L" Length		Weight		Output	
Model	RPM	Nm	lb ft	mm	in	mm	in	kg	lb	Retraction	Standard
EB33MBF2-28	1590	28	20.6	28	1.13	443	17.4	2.56	5.63	51mm 2"	9.5mm 3/8" SD
EB33MBF2-40	1120	40	29.5	28	1.13	443	17.4	2.56	5.63		



	Rated Speed	Max Torque		"R" Side to Center		"L" Length		Weight		Output	
Model	RPM	Nm	lb ft	mm	in	mm	in	kg	lb	Retraction	Standard
EB34MB1F2-55	830	55	40.5	28	1.11	499	19.6	3.3	7.24	51mm 2"	13mm 1/2" SD
EB34MB1F2-75	545	75	55.3	28	1.11	605.8	23.85	3.3	7.24		
EB44MB1F2-80	895	80	59.0	28	1.11	511	20.1	3.8	8.34		
EB44MB1F2-120	560	120	88.5	28	1.11	533	21.0	3.8	8.34		



	Rated Speed	Max Torque		"R" Side to Center		"L" Length		Weight		Output	
Model	RPM	Nm	lb ft	mm	in	mm	in	kg	lb	Retraction	Standard
EB45MB2F2-140	465	140	103	32	1.25	651	25.6	3.6	7.92	51mm 2"	16mm 5/8" SD
EB55MB2F2-170	640	170	125	32	1.25	681	26.8	6.5	14.4		
EB45MB2F2-190	355	190	140	32	1.25	651	25.6	3.6	7.92		

Inline Retractable Fixtured Options

3/8" Output

Output Options	Part No.
Standard	M3050
24 Threaded	M3118
24 Threaded, 3/4" Long	M3227
1-5/32" Extension	S3362
1.478" Extension	M3243
2" Extension	M3090
2-3/8" Extension	S3363
3" Extension	M3229
4" Extension	M3223
4-1/16" Extension	S3486
6" Extension	M3224
7-3/8" Extension	S3626
8" Extension	M3216
8" Extension Assembly	20S104600
Spring Options	Part No.
Standard	M4096
Heavy Duty Spring	M3184
Extra Heavy Duty Spring	20R201428

Inline Retractable Fixtured Options

1/2" Output

Output Options	Part No.
Standard	20D101600
2" Extension	20D101610
3" Extension	20D101603
4" Extension	20D101608
5" Extension	20D101604
6" Extension	20D101606
7-5/16" Extension	20D101605
8" Extension	20D101609
11" Extension	20D101607
Spring Options	Part No.
Standard	B4093
Heavy Duty Spring	20R201401

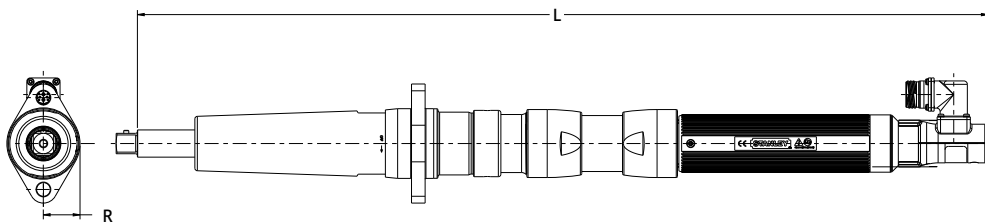
Inline Retractable Fixtured Options

5/8" Output

Output Options	Part No.
Standard	20D102901
2" Extension	20D102912
6" Extension	20D102913
Spring Options	Part No.
Standard	20R201407
Heavy Duty Spring	20R201408

Inline Retractable Fixtured Tools

64 to 2000 Nm

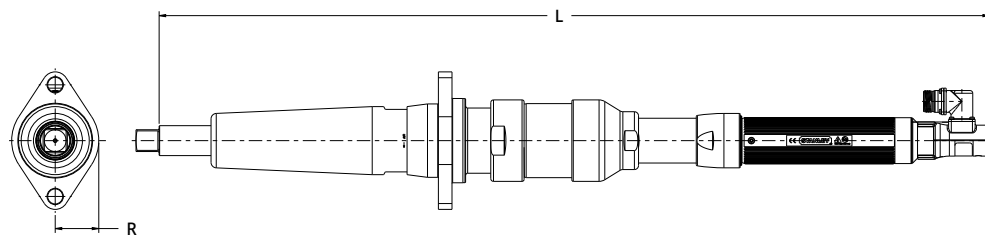


	Rated Speed	Max Torque		"R" Side to Center		"L" Length		Weight		Output	
Model	RPM	Nm	lb ft	mm	in	mm	in	kg	lb	Retraction	Standard
EB55MB3F2-320	310	320	236	34	1.34	636	25	6.7	14.74	51mm 2"	19mm 3/4" SD

Inline Retractable Fixtured Options

3/8" Output

Output Options	Part No.
Standard	20D102101
5" Extension	20D102106
Spring Options	Part No.
Standard	20R201403
Heavy Duty Spring	20R201404
Reaction Components	Part No.
Mounting Flange -MB3F	20D205600



	Rated Speed	Max Torque		"R" Side to Center		"L" Length		Weight		Output	
Model	RPM	Nm	lb ft	mm	in	mm	in	kg	lb	Retraction	Standard
EB55MB4F2-460	220	460	339	44	1.7	803	31.6	17.2	37.84	51mm 2"	25mm 1" SD
EB55MB4F2-620	165	620	457	44	1.7	803	31.6	17.2	37.84		
EB55MB5F2-800	125	800	590	50	2	840	33.0	18.3	40.26		
EB55MB5F2-1100	80	1100	811	50	2	863	34.0	18.3	40.26		
EB55MB5F2-1500	60	1500	1106	50	2	870	34.3	19.2	42.24		
EB55MB5F2-2000	50	2000	1475	50	2	870	34.3	19.2	42.24		

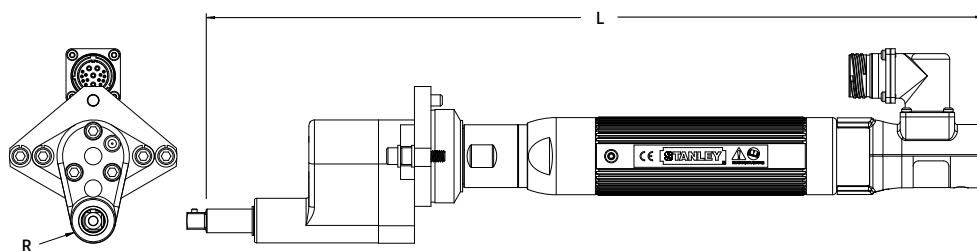
Inline Retractable Fixtured Options

1" Output

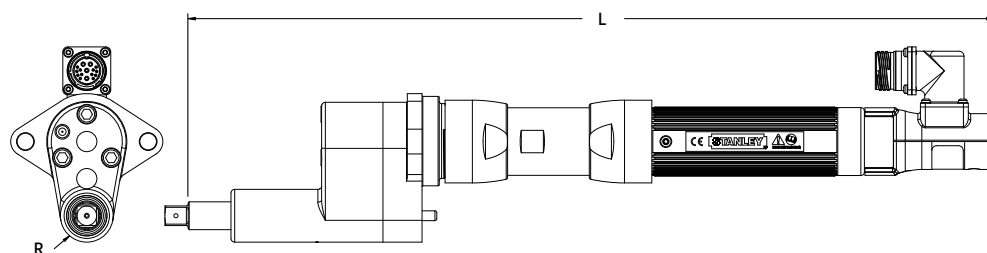
Output Options	Part No.
Standard	20D208800
2" Extension	20D208803
4" Extension	20D208802
3/4" SD (MB4F1 ONLY)	20D121100
Reaction Components	Part No.
Mounting Flange -MB4F	20D208500
Mounting Flange -MB5F	20D209500

Offset Retractable Fixtured Tools (3/4", 1")

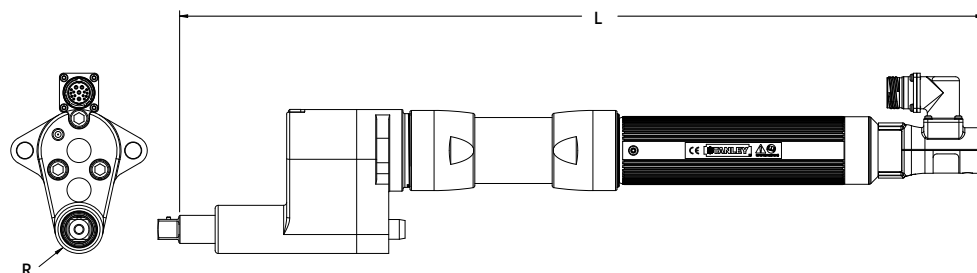
5 to 225 Nm



Model	Rated Speed		Torque		"R" Side to Center		"L" Length		Weight		Output	
	RPM	Nm	lb ft		mm	in	mm	in	kg	lb	Retraction	Standard
EB33MDF1-25	1590	25	18.4		13	0.51	443	17.5	3.1	6.78	19mm [3/4"]	3/8" SD
EB33MDF1-36	1120	36	26.6		13	0.51	443	17.5	3.1	6.82		



Model	Rated Speed		Torque		"R" Side to Center		"L" Length		Weight		Output	
	RPM	Nm	lb ft		mm	in	mm	in	kg	lb	Retraction	Standard
EB34MD1F1-48	830	48	35.4		17	0.67	499	19.7	4.4	9.68	25mm [1"]	1/2" SD
EB44MD1F1-70	895	70	51.6		17	0.67	511	20.2	4.8	10.56		
EB44MD1F1-108	560	108	79.7		17	0.67	533	21	4.8	10.56		



Model	Rated Speed		Torque		"R" Side to Center		"L" Length		Weight		Output	
	RPM	Nm	lb ft		mm	in	mm	in	kg	lb	Retraction	Standard
EB45MD2F1-125	465	125	92.2		19	0.75	584	23	10.5	23.2	25mm [1"]	5/8" SD
EB55MD2F1-150	640	150	110.7		19	0.75	614	24.2	10.5	23.2		
EB45MD2F1-170	355	170	125.4		19	0.75	584	23	10.5	23.2		
EB55MD2F1-225	400	225	166		19	0.75	637	25.1	10.5	23.2		

Retractable Options

EB33

Spring Options	Part No.
Standard	M3062
Heavy Duty	M3183
Output Options	Part No.
3/4" Extended Output	M3227
1-5/32" Extended Output	S3362
1.478" Extended Output	M3243
2" Extended Output	M3090
2-3/8" Extended Output	S3363
3" Extended Output	M3239
4" Extended Output	M3223
4-1/16" Extended Output	S3486
6" Extended Output	M3224
7-3/8" Extended Output	S3626
8" Extended Output	M3216
8" Extended Output, Thin	20S104600
24 Threaded Output	M3118
1/2" Square Drive Lock Pin	Part No.
Standard	20D227800
Rounded [Ball Detent]	20D227801

Retractable Options

EB34, EB44

Spring Options	Part No.
Standard	B4093
Heavy Duty	20R201401
Output Options	Part No.
2" Extended Output	20D101610
3" Extended Output	20D101603
4" Extended Output	20D101608
5" Extended Output	20D101604
6" Extended Output	20D101606
7-5/16" Extended Output	20D101605
8" Extended Output	20D101609
11" Extended Output	20D101607
1/2" SD Socket Lock Pin	Part No.
Standard	20D227800
Rounded [Ball Detent]	20D227801

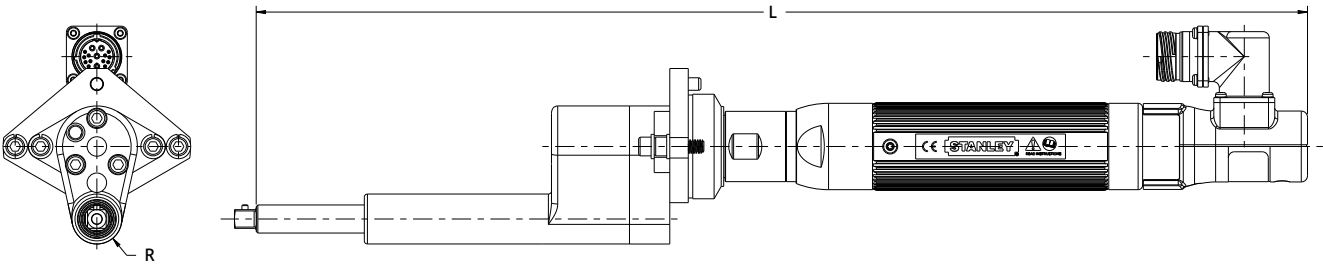
Retractable Options

EB45, EB55

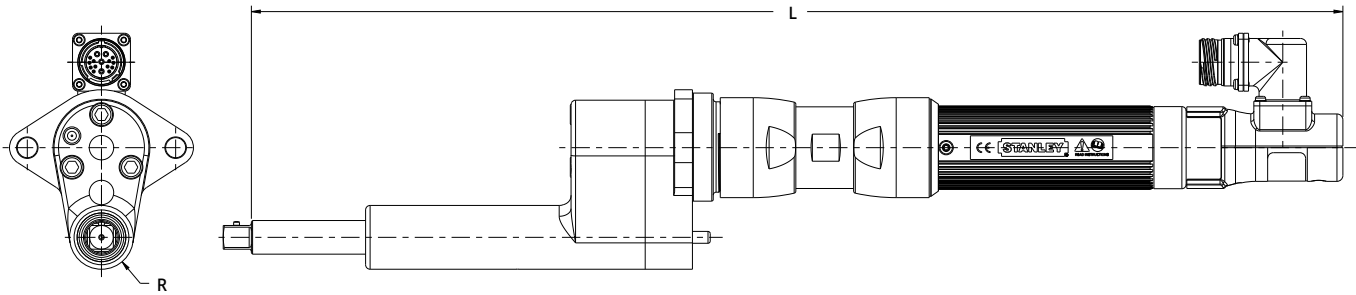
Retraction Spring	Part No.
Standard	20R201407
Heavy Duty	20R201408
Output Options	Part No.
2" Extended Output	20D102912
6" Extended Output	20D102913
3/4" SD Socket Lock Pin	Part No.
Standard	20D227800
Rounded [Ball Detent]	20D227802

Offset Retractable Fixtured Tools (2")

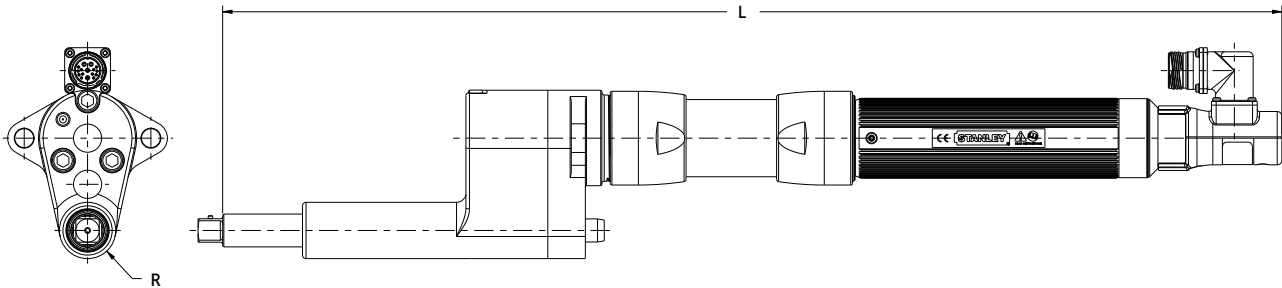
5 to 225 Nm



Model	Rated Speed	Torque		"R" Side to Center		"L" Length		Weight		Output	
	RPM	Nm	lb ft	mm	in	mm	in	kg	lb	Retraction	Standard
EB33MDF2-25	1590	25	18.4	13	0.51	535	21.1	3.2	7.1	51mm (2")	3/8" SD



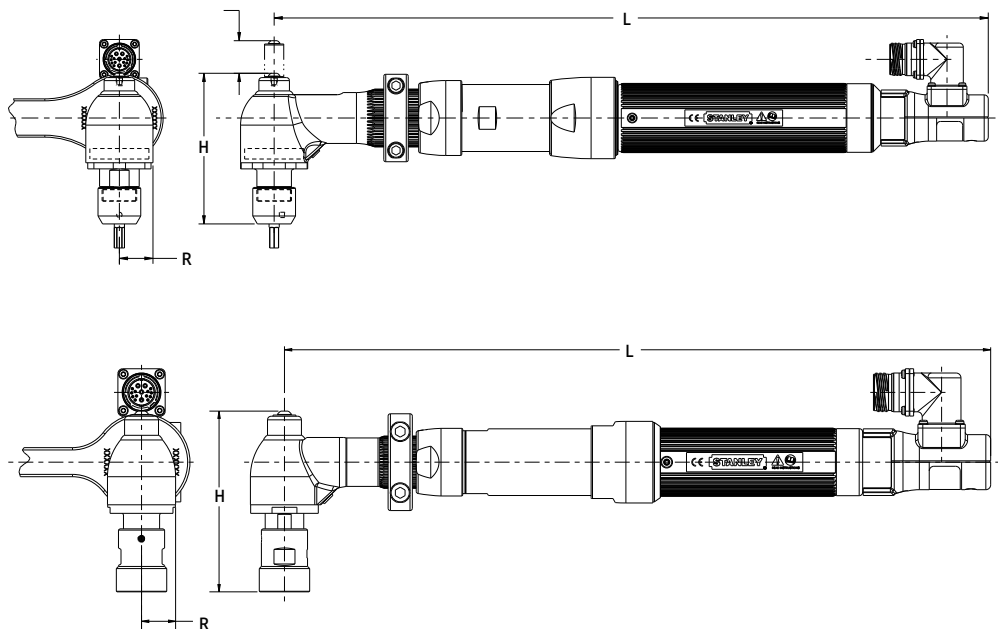
Model	Rated Speed	Torque		"R" Side to Center		"L" Length		Weight		Output	
	RPM	Nm	lb ft	mm	in	mm	in	kg	lb	Retraction	Standard
EB34MD1F2-48	830	48	35.4	17	0.67	599	23.6	4.8	10.56	51mm (2")	1/2" SD



Model	Rated Speed	Torque		"R" Side to Center		"L" Length		Weight		Output	
	RPM	Nm	lb ft	mm	in	mm	in	kg	lb	Retraction	Standard
EB45MD2F2-125	465	125	92.2	19	0.75	663	26.1	10.9	24.0	51mm (2")	5/8" SD
EB45MD2F2-170	355	170	125.4	19	0.75	663	26.1	10.9	24.0		
EB55MD2F2-225	400	225	166	19	0.75	717	28.2	10.9	24.0		

Hold and Drive Fixtured Tools – 1" Output

22 to 220 Nm



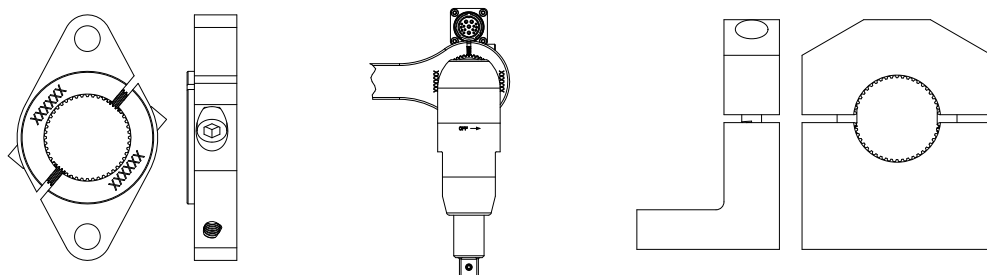
Model	Rated Speed	Torque		"R" Side to Center		"H" Head Height		"L" Length		Weight		Travel
	RPM	Nm	lb ft	mm	in	mm	in	mm	in	kg	lb	Standard
EB34MH22AV1-110	335	110	81.1	22	0.87	118.4	4.7	543	21.4	3.7	8.2	1"
EB45MH26V1-220	260	220	162.3	26	1.02	117.5	4.6	527	20.8	6.0	13.2	
EB55MH26V1-220	460	220	162.3	26	1.02	117.5	4.6	557	21.9	6.7	14.8	

See pages 126-137 for the Hold and Drive Configuration Guide

1" H&D Lever Tool Options

H22 Output	Part No.
Socket Options	~N4617
1" Travel Tang Holder Output	20D103211
1" Travel Bit Holder Output	20D103212
H22 Tang Holder	Part No.
Female Tang Holder Options	~F4287
H22 Bit Holder	Part No.
Bit Holder Options	~F4288
H22 Reaction Bar	Part No.
Reaction Bar Assembly (Default)	20K100000
Mounting Flange Assembly	20K100300
Base Mount Bracket Assembly	20K100500
H26 Output	Part No.
Socket Options	~F4285
1" Travel Tang Holder Output	20D103601
1" Travel Bit Holder Output	20D103602
H26 Tang Holder	Part No.
Female Tang Holder Options	~H4948
H26 Bit Holder	Part No.
Bit Holder Options	~H4947
H26 Reaction Bar	Part No.
Reaction Bar Assembly	20K100200
Mounting Flange Assembly	20K100700
Base Mount Bracket Assembly	20K100600
Reaction Bar Assembly, HD	20K100202
Handle Options	Part No.
EB3/4/5 Forward Facing Lever	20H100107

Mounting / Reaction Options



Optional Flange Mount Bracket

Standard Reaction Bar

Optional Base Mount Bracket



Sockets and Accessories
begin on page 112

Tool Cable Options: EB-Series*

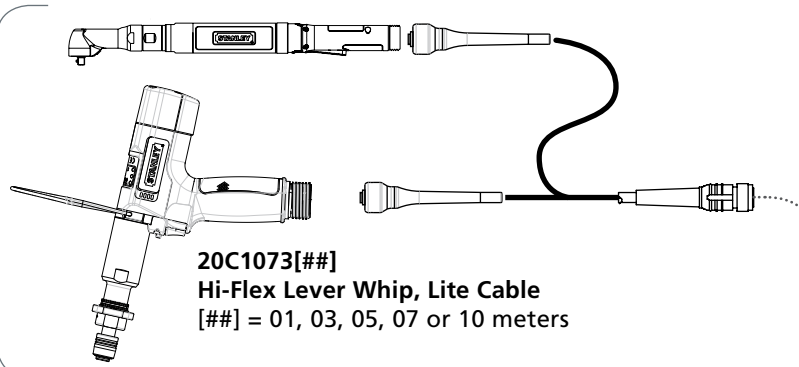
STEP 1

Select a tool whip for the tool model

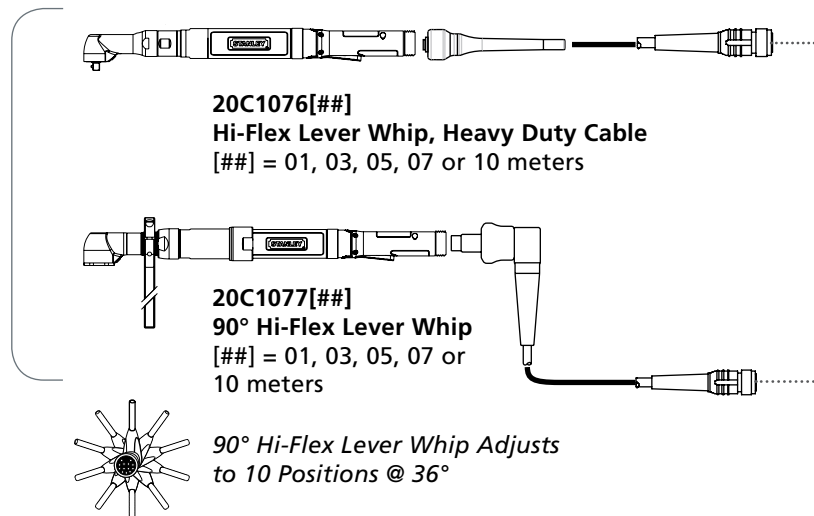
STEP 2

Select an extension for the selected whip number

Fits EB12-EB33
non-fixtured tools



Fits EB12-EB55
non-fixtured tools



20C1078[##]
90° Jamnut Extension
[##] = 01, 05, 10, 20 or 40 meters

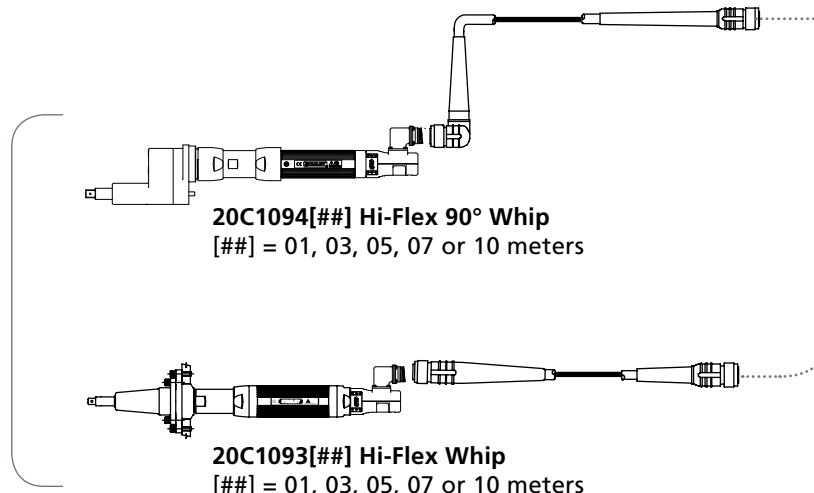
20C1075[##]
Jamnut Extension
[##] = 05, 10, 20 or 40 meters

NOTES:

Jamnut cables have connectors that can be fixed to bulkheads.

All Hi-Flex cables have an 8cm (3in) minimum bend radius.

Fits EB332-EB55
all fixtured tools



*Fits all EB-Series Lever Tools (and older EA and EC-Series Tools)

Cable End	Cable	Lite / Heavy Duty	Base Part #	Cable Length					EB12-EB33	EB34-EB55
Straight	Hi-Flex Whip	Lite	20C1073##	01	03	05	07	10	EB12-EB33 All non-Fixtured tools	X
Straight	Hi-Flex Whip	Heavy Duty	20C1076##	01	03	05	07	10	EB12-EB33 All non-Fixtured tools	EB34-EB55 All non-Fixtured tools
90 Degree	Hi-Flex Whip	Heavy Duty	20C1077##	01	03	05	07	10	EB12-EB33 All non-Fixtured tools	EB34-EB55 All non-Fixtured tools
90 Degree	Hi-Flex Whip	Heavy Duty	20C1094##	01	03	05	07	10	EB33-EB55 All Fixtured Style tools	
Straight	Hi-Flex Whip	Heavy Duty	20C1093##	01	03	05	07	10	EB33-EB55 All Fixtured Style tools	

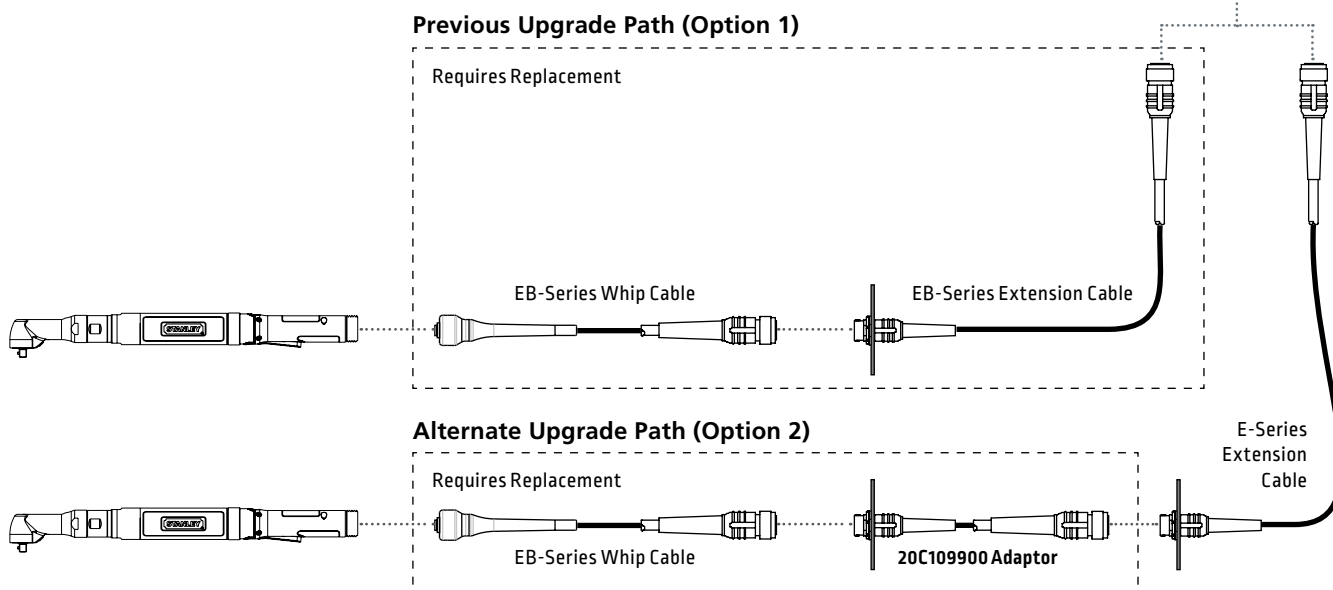
Option 1:

Example: Purchase Replacement Cables 20C107305 & 20C107520 to Transition to EB-Series Tools *(This option requires all cables between the tool and the cable to be replaced)*

— OR —

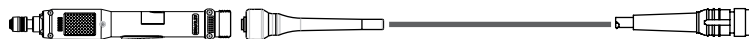
Option 2: 40% Less Expensive

Example: Purchase Replacement Cable 20C107305 and Adaptor 20C109900, use the existing festooned E-Series Extension Cable 20C1002##. *(This option requires ONLY the cable attached to the extension cable to be replaced)*



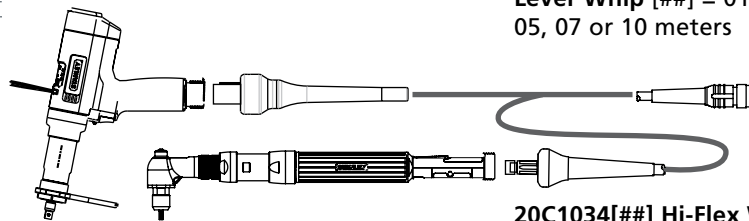
Tool Cable Options: E-Series

Fits E12
non fixtured
lever tools



**20C1046[##] Hi-Flex E1
Lever Whip [##] = 01, 03,
05, 07 or 10 meters**

Fits E02 &
E12 Bottom
Exit Pistol Tools



**20C1034[##] Hi-Flex Whip,
E02/34 Pistol or E23/34
Lever, [##] = 01, 03, 05, 07
or 10 meters**

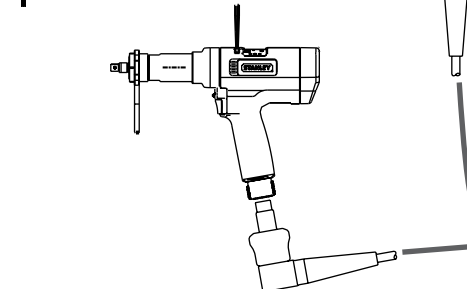
Fits E23-E35
non fixtured
tools



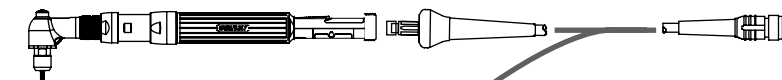
**20C1001[##] 90° Hi-Flex
E2 Lever Whip
[##] = 01, 03, 05, 07
or 10 meters**

**E12 does not apply*

Fits E02 &
E12 Bottom
Exit Pistol tools

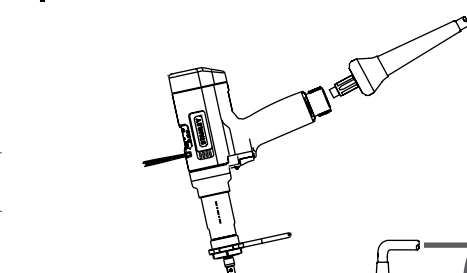


Fits E23-E55
non fixtured
tools



**20C1000[##] Hi-Flex E2/5
Lever Whip
[##] = 01, 03, 05, 07
or 10 meters**

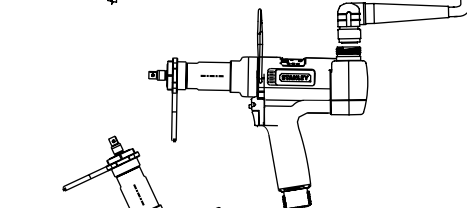
**E12 applications require a
20H103100 adaptor*



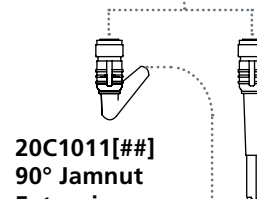
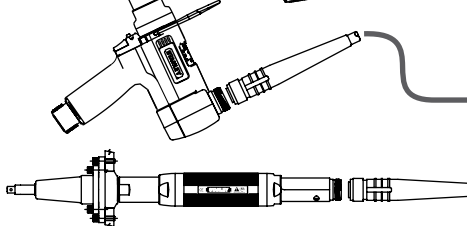
**20C1004[##] Hi-Flex 90°
Whip [##] = 01, 03, 05,
07 or 10 meters**

*Tool adjusts to 10 positions
@ 36°*

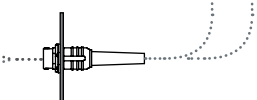
Fits E02 & E12
Top Exit
Pistol tools



**20C1003[##] Hi-Flex Whip
[##] = 01, 03, 05, 07
or 10 meters**



**20C1011[##]
90° Jamnut
Extension
[##] = 05, 10 or
20 meters**



**20C1002[##]
Jamnut Extension
[##] = 05, 10
or 20 meters**

NOTES:

*Jamnut cables have
connectors that
can be fixed to
bulkheads.*

*All Hi-Flex cables
have an 8cm (3in)
minimum bend
radius.*

*Please limit the total
length of E tool
cabling between a
controller and an E
tool to 30 meters.*

Cable End	Cable	Lite / Heavy Duty	Base Part #	Cable Length					E02	E12	E23-E35	E43-E55
Straight	Hi-Flex Whip	Lite	20C1046##	01	03	05	07	10	X	E12 All Non-Fixtured Lever Tools	X	X
Straight	Hi-Flex Whip	Lite	20C1034##	01	03	05	07	10	E02 Bottom Exit Pistol Only	E12 Bottom Exit Pistol Only	E23-E35 All non-Fixtured tools	X
90 Degree	Hi-Flex Whip	Heavy Duty	20C1001##	01	03	05	07	10	E02 Bottom Exit Pistol Only	E12 Bottom Exit Pistol Only	E23-E35 All non-Fixtured tools	E43-E55 All non-Fixtured tools
Straight	Hi-Flex Whip	Heavy Duty	20C1000##	01	03	05	07	10	E02 Bottom Exit Pistol Only	E12 Bottom Exit Pistol Only	E23-E35 All non-Fixtured tools	E43-E55 All non-Fixtured tools
90 Degree	Hi-Flex Whip	Heavy Duty	20C1004##	01	03	05	07	10	E02 Top Exit Pistol Only	E12 Top Exit Pistol Only	E23-E35 All fixtured style tools	E43-E55 All fixtured style tools
Straight	Hi-Flex Whip	Heavy Duty	20C1003##	01	03	05	07	10	E02 Top Exit Pistol Only	E12 Top Exit Pistol Only	E23-E35 All fixtured style tools	E43-E55 All fixtured style tools

Please limit the total length of E tool cabling between a controller and an E tool to 30 meters.

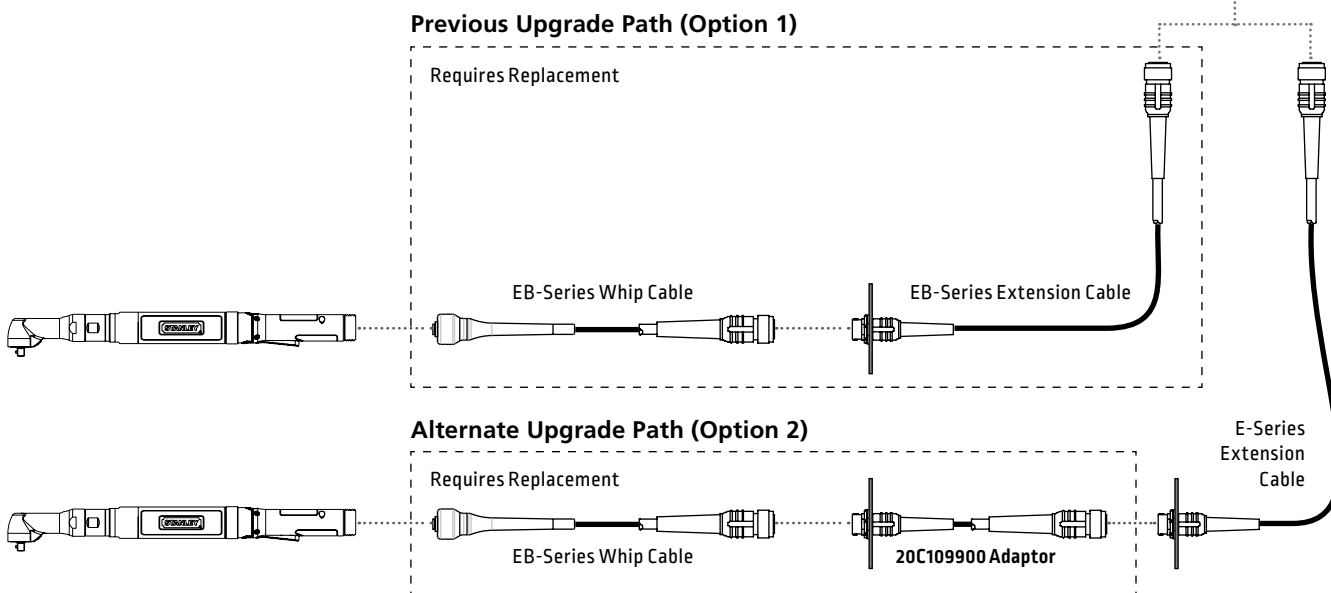
Option 1:

Example: Purchase Replacement Cables 20C107305 & 20C107520 to Transition to EB-Series Tools (This option requires all cables between the tool and the cable to be replaced)

— OR —

Option 2: 40% Less Expensive

Example: Purchase Replacement Cable 20C107305 and Adaptor 20C109900, use the existing festooned E-Series Extension Cable 20C1002##. (This option requires ONLY the cable attached to the extension cable to be replaced)





B-Series Cordless Tools

Cordless Torque Tools offering transducer-controlled battery powered tools that are ideal for threaded fastening assembly. STANLEY delivers improved productivity and quality with performance-driven torque tool solutions for the assembly floor.

COMPLETE PRODUCT LINE:

- Pistol style
- Pistol push-to-start
- Angle head lever style
- Inline lever style

FEATURES AND BENEFITS:

- 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
- Precise, high efficiency, brushless DC 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 Battery Platform powers STANLEY Assembly Technologies cordless tool platform



B-Series Cordless Tools



B12PB ▶
Pistol Style



B12PP ▶
Push-to-Start Style



B23LA Right Angle
Lever Style



**Specialty
Outputs**



B12LB Inline
Lever Style



B12LA Right
Angle Lever Style



Same Gearing /
Output as
STANLEY
Corded Tools



Multi-function
Display Panel

Ergonomic Lever
Start Trigger

Barcode Scanner
or 802.15. GHz
Wireless option
module

Battery Pack
Release Button

Battery Pack



Angle Head Output

THE STANLEY ADVANTAGE:

*Only STANLEY
offers a 60 Volt
Cordless Tool*

High Efficiency
Brushless Motor

Multifunction
Button (MFB)

Comfort Grip
Handle

Integrated Digital
Control Circuit
(Inside Handle)

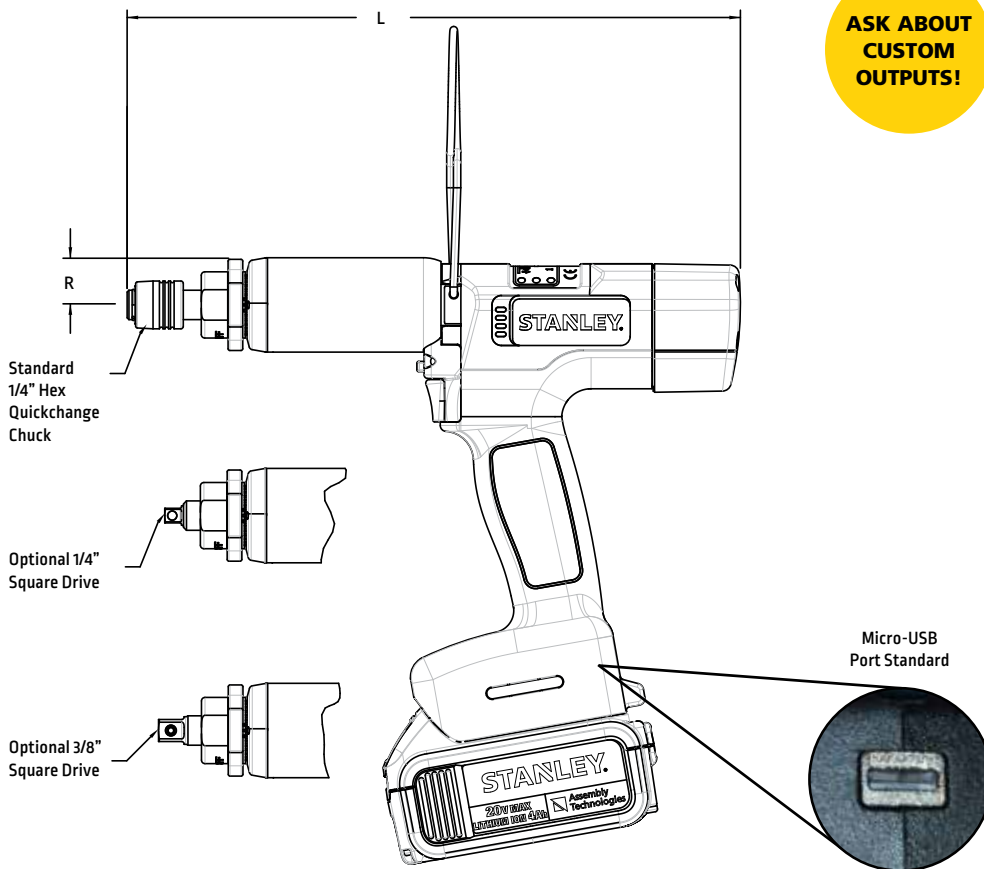
Micro-USB Port
(Back of Handle)

B33LA Right Angle
Lever Style



Pistol Grip Tools

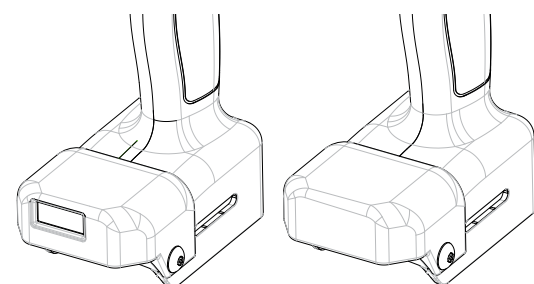
1.2 to 14 Nm



Inline Style	Rated Speed	Torque		"R" Side to Center		"L" Length		Weight w/ Battery		Weight w/o Battery		Output	
Model	RPM	Nm	lb ft	mm	in	mm	in	kg	lb	kg	lb	Standard	Options
B12PB-5	1257	5	3.7	20	0.8	264	10.4	1.82	4.0	1.14	2.5	1/4" QC	1/4" or 3/8" SD
B12PB-8	873	8	5.9	20	0.8	264	10.4	1.82	4.0	1.14	2.5		
B12PB-11	602	11	8.1	20	0.8	264	10.4	1.82	4.0	1.14	2.5		
B12PB-15	375	15	11.0	20	0.8	264	10.4	1.82	4.0	1.14	2.5		

Push-to-Start

Model	RPM	Nm	lb ft	mm	in	mm	in	kg	lb	kg	lb	Standard	Options
B12PP-5	1257	5	3.7	20	0.8	264	10.4	1.82	4.0	1.14	2.5	1/4" QC	1/4" or 3/8" SD
B12PP-8	873	8	5.9	20	0.8	264	10.4	1.82	4.0	1.14	2.5		
B12PP-11	602	11	8.1	20	0.8	264	10.4	1.82	4.0	1.14	2.5		



Barcode Scanner

Wireless Radio

Total vibration emission value: $<2.5 \text{ m/sec}^2$ (ISO 28927-2:2009); Sound pressure level at work station L_pA (ref $20\mu Pa$) is $<70 \text{ dB(A)}$ (ISO 15744-2002).



Programming Cable

Pistol Tool Options

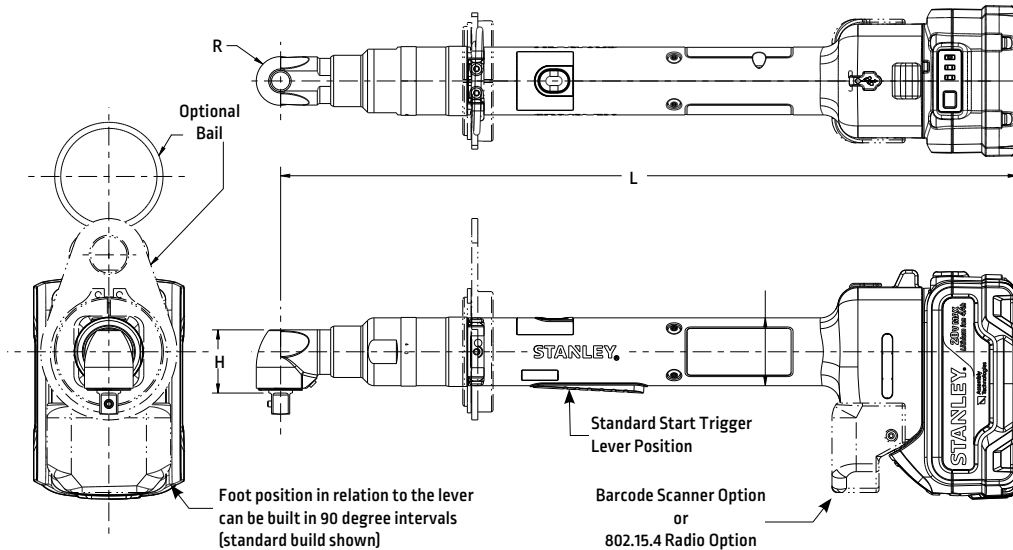
B12 Output Options	Part No.
1/4" Square Drive	20D119302
1/4" Quick Change	20D119300
3/8" Square Drive	20D119301
Socket Lock Pin 1/4" SD	Part No.
Lock Pin Plug	A3090
Lock Pin	A3060
Spring	A3073
Socket Lock Pin 3/8" SD	Part No.
Pin Stop	L3401
Lock Pin	20D227800
Spring	20R201413
Rounded (Ball Detent)	20D227801
B12P Reaction Components	Part No.
Spacer (Default)	20D217000
Reaction Bar, Aluminum 17"	20K100103
Reaction Bar, Steel 17"	20K100104
Suspension Bail	Part No.
Wire Bail	A3061
Anti-Mar Protection	Part No.
Battery Pack Cover - 4 Ahr	20R215400
Battery Pack Cover - 2 Ahr	20R215401
Battery Pack Options	Part No.
Battery Pack, 2 Amp Hour	201R209202
Handle Options	Part No.
Barcode Scanner (Inline)	20H106100
Barcode Scanner (Push-to-Start)	20H106101
Zigbee Radio (Inline)	20H106102
Zigbee Radio (Push-to-Start)	20H106103
Programming Cable	Part No.
Programming Cable 36"	20C206600



Sockets and Accessories
begin on page 112

Angle Head Tools

1.6 to 16 Nm



Angle Tool Options

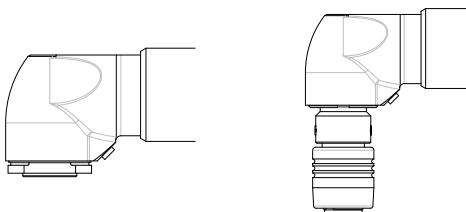
A13 Short Output (E12 Models)	Part No.
3/8" Double-Ended, LH Thread	20D121912
3/8" Double-Ended, RH Thread	20D121917
Flush Socket 12mm Max	20D121918

Handle Options	Part No.
Barcode Scanner	20H106300
Zigbee Radio	20H106301

Model	Rated Speed	Torque		"R" Side to Center		"H" Head Height		"L" Length		Weight w/ 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

Total vibration emission value: <2.5 m/sec² [ISO 28927-2:2009]; Sound pressure level at work station LpA [ref 20μPa] is < 70dB(A) [ISO 15744-2002].

Output Options



Flush

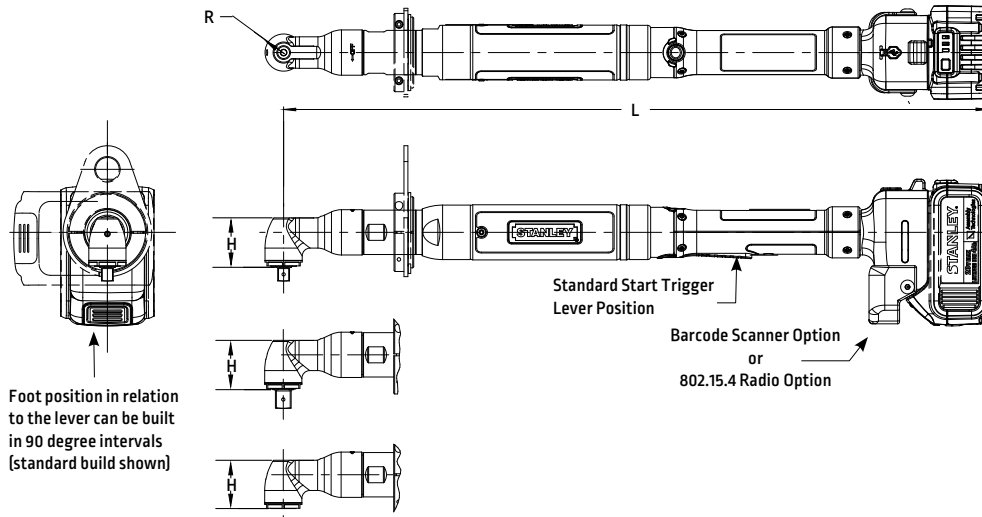
Quick Change



Sockets and Accessories
begin on **page 112**

Angle Head Tools

2.4 to 95 Nm



Suspension Bails	Part No.
Wire Bail	A3061
Swivel	20K101400

Handle Options	Part No.
Barcode Scanner	20H106200
Zigbee Radio	20H106202

Model	Rated Speed	Max Torque		"R" Side to Center		"H" Head Height		"L" Length		Weight w/ 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	21.2	2.41	5.3	1.74	3.8	3/8" SD	1/4" QC
B23LA13-15	600	15	11	13	0.5	33.2	1.3	537	21.2	2.41	5.3	1.74	3.8	3/8" SD	1/4" QC
B23LA13-17	460	17	12.5	13	0.5	33.2	1.3	537	21.2	2.41	5.3	1.74	3.8	3/8" SD	1/4" QC
B23LA15-23	370	23	17	15	0.59	39.9	1.57	552	21.8	2.58	5.7	1.95	4.3	3/8" SD	1/2" SD
B23LA15-35	230	35	25.8	15	0.59	39.9	1.57	567	22.4	2.65	5.8	1.98	4.4	3/8" SD	1/2" SD
B23LA18-42	180	42	31	18	0.71	39.9	1.57	563	22.2	2.83	6.2	2.11	4.6	3/8" SD	1/2" SD
B23LA19-52	155	52	38.3	19	0.75	47.8	1.9	592	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	25.7	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	3.45	7.6	1/2" SD	

Total vibration emission value: <2.5 m/sec² [ISO 28927-2:2009]; Sound pressure level at work station LpA [ref 20μPa] is <70dB(A) [ISO 15744-2002].

Angle Tool Options

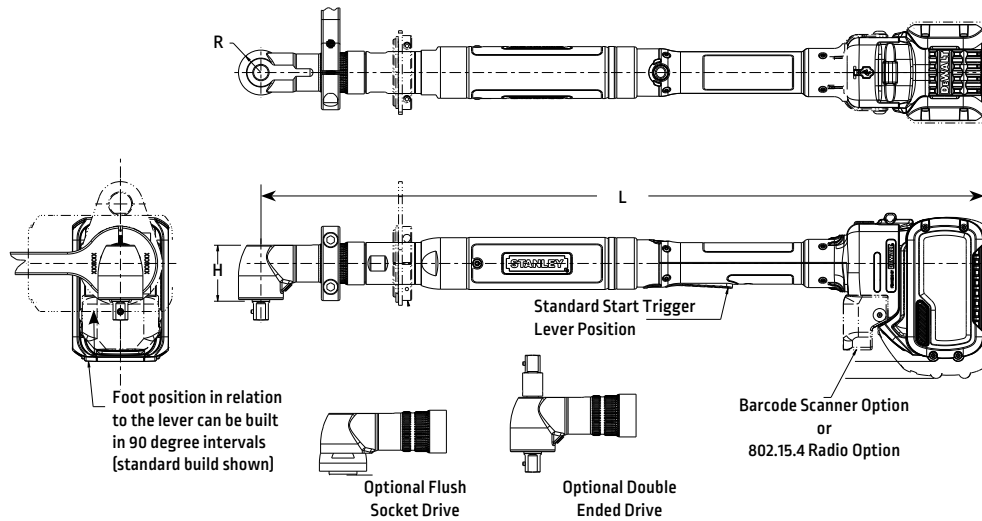
A15 Threaded Output 20D137503	Part No.
3/8" Square Drive	20D138908
A15 Flush Output 20D137501	Part No.
Flush Socket	20D283200
A15 Output Splined 20D137504	Part No.
3/8" Square Drive	20D138908
A15 Splined Flush 20D137505	Part No.
Flush Socket	20D283200
A18 Output	Part No.
3/8" Square Drive	20D136500
3/8" Double-Ended, RH Thread	20D136502
Flush Socket	20D136503
A19 Threaded Output	Part No.
Flush Socket	20D100021
A19 Splined Output	Part No.
Anti-Vibration 1/2" SD	20D100101
Flush Socket	20D100106
1/2" Double-Ended, RH Thread	20D100107
A22A Output	Part No.
1/2" Square Drive	20D100305
Flush Socket	20D100309
1/2" Double-Ended, RH Thread	20D100326



Sockets and Accessories
begin on page 112

Angle Head Tools

2.8 to 95 Nm



Reaction Components	Part No.
Reaction Bar, Steel (<300 Nm)	20K100200
Reaction Bar, Steel (>300 Nm)	20K100202
Base Mount Bracket	20K100600
Mounting Flange	20K100300

Handle Options	Part No.
Barcode Scanner	20H106201
Zigbee Radio	20H106203

B33 / B44 Batteries	Part No.
60V MAX/ 2AH Battery	21R209203
60V MAX/ 3AH Battery	21R209204
60V MAX/ 20V MAX Fast Charger	21R209402

Suspension Bails	Part No.
Wire Bail	A3061
Swivel	20K101400

Model	Rated Speed	Max Torque		"R" Side to Center		"H" Head Height		"L" Length*		Weight w/ 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" SD or 1/4" QC
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" SD or 1/4" QC
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	
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	
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	
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	
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	
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	

Total vibration emission value: <2.5 m/sec² (ISO 28927-2:2009); Sound pressure level at work station LpA (ref 20μPa) is < 70dB(A) (ISO 15744-2002).

*Dimensions and weights are with the standard 60V Max/ 2AH Battery

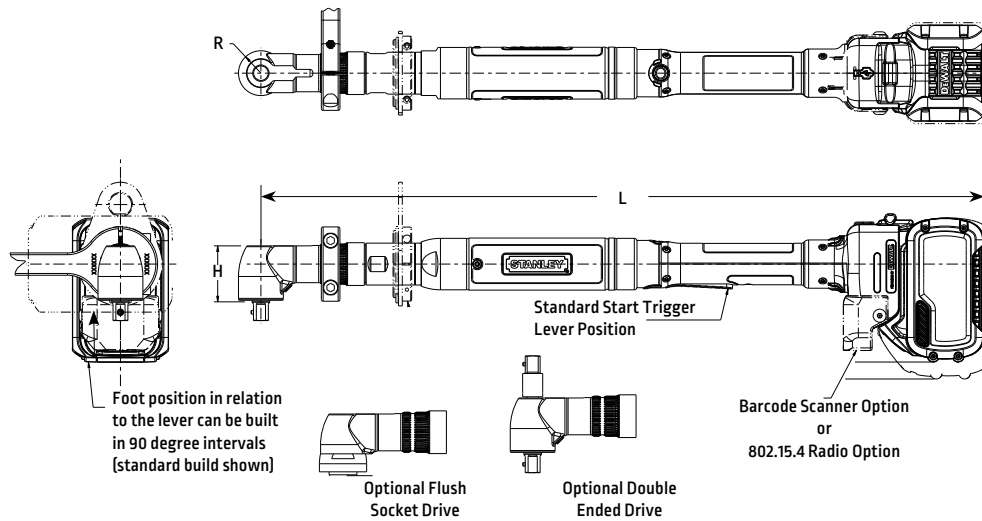
Angle Tool Options

A13 Short Output	Part No.
3/8" Double-Ended, LH Thread	20D121912
3/8" Double-Ended, RH Thread	20D121917
Flush Socket 12mm Max	20D121918
1/4" Square Drive	20D121919
1/4" Quick Change	20D121916
1/4" Magnetic Internal Hex	20D121920

A15 Threaded Output 20D137503	Part No.
3/8" Square Drive	20D138908
A15 Flush Output 20D137501	Part No.
Flush Socket	20D283200
A15 Output Splined 20D137504	Part No.
3/8" Square Drive	20D138908
A15 Splined Flush 20D137505	Part No.
Flush Socket	20D283200
A18 Output	Part No.
3/8" Square Drive	20D136500
3/8" Double-Ended, RH Thread	20D136502
Flush Socket	20D136503
A19 Threaded Output	Part No.
Flush Socket	20D100021
A19 Splined Output	Part No.
Anti-Vibration 1/2" SD	20D100101
Flush Socket	20D100106
1/2" Double-Ended, RH Thread	20D100107
A22A Output	Part No.
1/2" Square Drive	20D100305
Flush Socket	20D100309
1/2" Double-Ended, RH Thread	20D100326

Angle Head Tools

11 to 120 Nm



Angle Tool Options

A19 Threaded Output	Part No.
Flush Socket	20D100021
A19 Splined Output	Part No.
Anti-Vibration 1/2" SD	20D100101
Flush Socket	20D100106
1/2" Double-Ended, RH Thread	20D100107
A22A Output	Part No.
1/2" Square Drive	20D100305
Flush Socket	20D100309
1/2" Double-Ended, RH Thread	20D100326

B33 / B44 Batteries	Part No.
60V MAX/ 2AH Battery	21R209203
60V MAX/ 3AH Battery	21R209204
60V MAX/ 20V MAX Fast Charger	21R209402

Reaction Components	Part No.
Reaction Bar [Default]	20K100000
Mounting Flange	20K100300
Base Mount Bracket	20K100500

Handle Options	Part No.
Barcode Scanner	20H106201
Zigbee Radio	20H106203

Suspension Bails	Part No.
Swivel [Horizontal]	20K200000
Standard [Vertical]	A3061

Model	Rated Speed		Max Torque		"R" Side to Center		"H" Head Height		"L" Length*		Weight w/ Battery*		Weight w/o Battery		Output	
	RPM	Nm	lb ft		mm	in	mm	in	mm	in	kg	lb	kg	lb	Standard	Options
B44LA19-55	573	55	40.6		19	0.75	47.8	1.9	715.3	28.2	5.2	11.5	3.94	8.69	1/2" SD	
B44LA19-70	425	70	51.6		19	0.75	47.8	1.9	715.3	28.2	5.2	11.5	3.94	8.69	1/2" SD	
B44LA22A-95	328	95	70		22	0.87	47.9	1.9	723.0	28.5	5.4	11.9	4.11	9.06	1/2" SD	
B44LA22A-120	243	120	88.5		22	0.87	47.9	1.9	723.0	28.5	5.4	11.9	4.11	9.06	1/2" SD	

Total vibration emission value: <2.5 m/sec² (ISO 28927-2:2009); Sound pressure level at work station LpA (ref 20μPa) is < 70dB(A) (ISO 15744-2002).

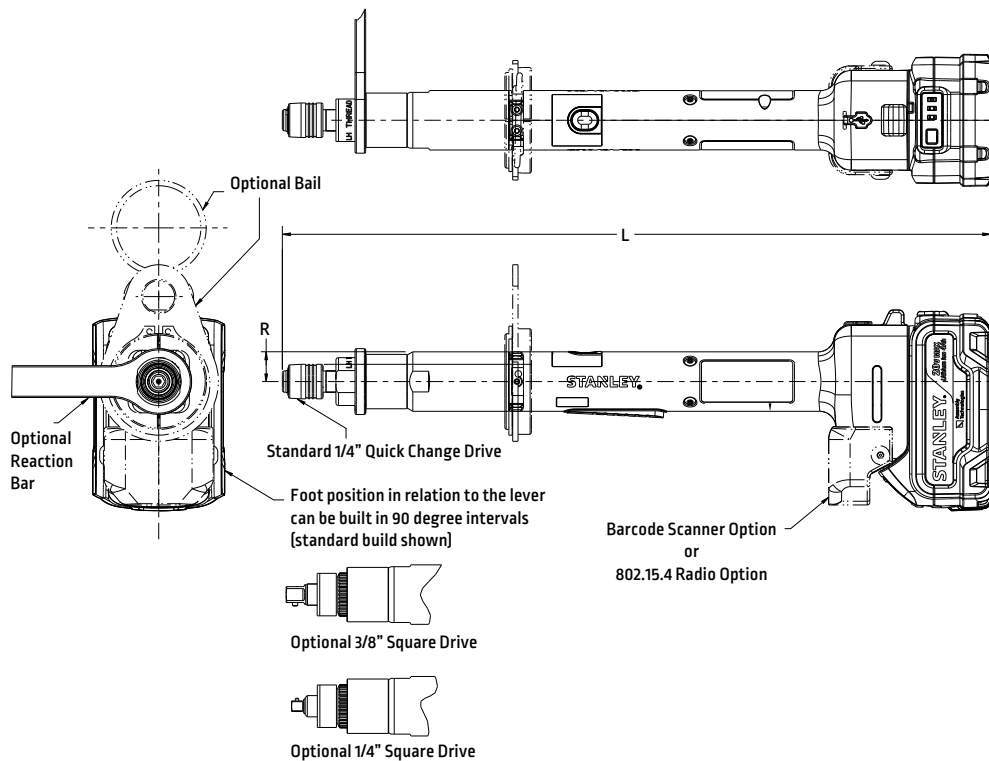
*Dimensions and weights are with the standard 60V Max/ 2AH Battery



Sockets and Accessories
begin on page 112

Inline Tools

1 to 11 Nm



Inline Tool Options

Output Options	Part No.
3/8" Square Drive	20D119301
1/4" Quick Change	20D119300
1/4" Square Drive	20D119302
3/8" SD Socket Lock Pin	Part No.
Standard	20D227800
Rounded (Ball Detent)	20D227801
Reaction Components	Part No.
Reaction Bar, Aluminum (Default)	20K100103
Reaction Bar, Steel	20K100104
Spacer	20D217000
Suspension Bails	Part No.
Wire Bail	A3061
Swivel	20K101402

Model	Rated Speed	Max Torque		"R" Side to Center		"L" Length		Weight w/ Battery		Weight w/o Battery		Output	
	RPM	Nm	lb ft	mm	in	mm	in	kg	lb	kg	lb	Standard	Options
B12LB-5	1257	5	3.7	17.8	0.7	423.5	16.7	1.45	3.21	0.82	1.81	1/4"QC	1/4"SD or 3/8" SD
B12LB-8	873	8	5.9	17.8	0.7	423.5	16.7	1.45	3.21	0.82	1.81	1/4"QC	1/4"SD or 3/8" SD
B12LB-11	602	11	8.1	17.8	0.7	423.5	16.7	1.45	3.21	0.82	1.81	1/4"QC	1/4"SD or 3/8" SD
B12LP-5	1257	5	3.7	20.4	0.8	423.5	16.7	1.45	3.21	0.82	1.81	1/4"QC	1/4"SD or 3/8" SD
B12LP-8	873	8	5.9	20.4	0.8	423.5	16.7	1.45	3.21	0.82	1.81	1/4"QC	1/4"SD or 3/8" SD
B12LP-11	602	11	8.1	20.4	0.8	423.5	16.7	1.45	3.21	0.82	1.81	1/4"QC	1/4"SD or 3/8" SD

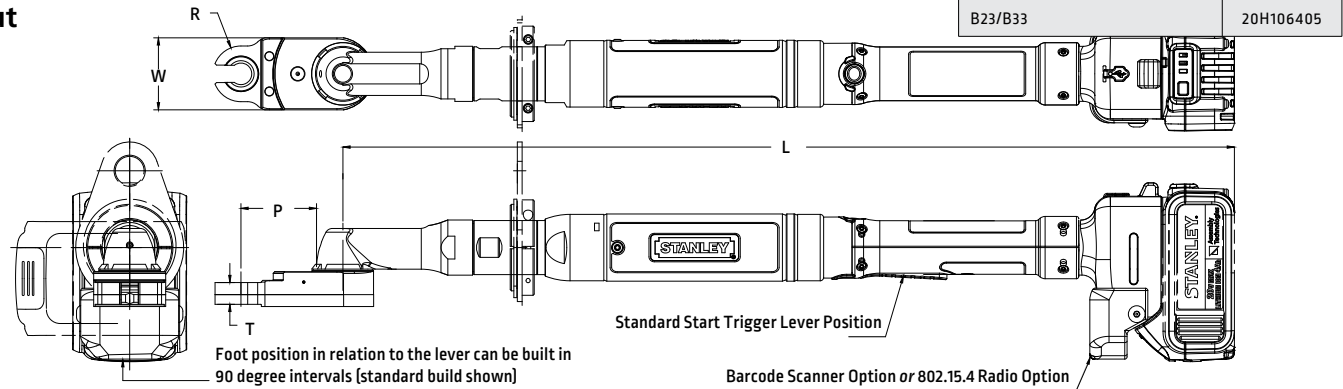
Total vibration emission value: <2.5 m/sec² (ISO 28927-2:2009); Sound pressure level at work station LpA (ref 20μPa) is < 70dB(A) (ISO 15744-2002).

Tubenut / Crowfoot Tools

2.6 to 50 Nm

Two Hand Anti Tiedown Options (Tubenut & Crowfoot)

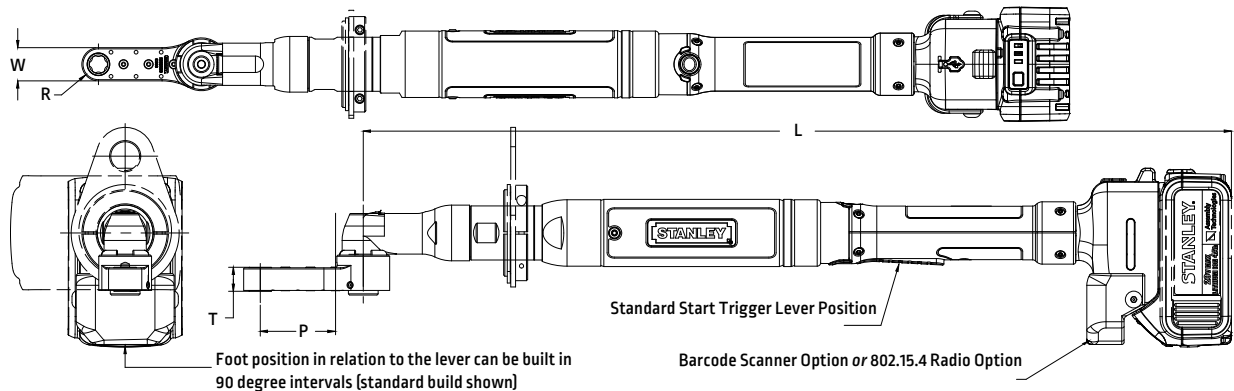
Tubenut



	Rated Speed	Max Torque		"R" Nose Radius		"T" Thickness		"W" Width		"P" Length		"L" Length		Weight		Maximum Hex Size		Maximum Tube Size	
Model	RPM	Nm	lb ft	mm	in	mm	in	mm	in	mm	in	mm	in	kg	lb	mm	in	mm	in
B23LT252-21	260	21	15.5	13	0.52	14	0.54	42	1.66	56	2.20	525	20.7	2.5	5.6	13	1/2	9.3	0.37
B23LT346-23	250	23	16.9	13	0.52	14	0.56	42	1.66	34	1.34	644	25.4	2.4	5.3	13	0.5	9.4	0.37
B23LT74-30	305	30	22.1	18	0.73	14	0.56	48	1.88	44	1.72	657	25.9	2.5	5.6	18	11/16	11.6	0.46
B23LT473-31	195	31	22.9	18	0.73	14	0.56	48	1.88	39	1.53	593	23.3	2.4	5.3	18	11/16	11.6	0.46
B23LT264-38	150	38	28.0	21	0.84	18	0.70	54	2.13	77	3.03	665	26.2	2.5	5.6	24	15/16	18.2	0.72
B23LT264-50	100	50	36.9	21	0.84	18	0.70	54	2.13	77	3.03	648	25.5	2.5	5.6	24	15/16	18.2	0.72
B33LT264-50	267	50	36.9	21	0.84	18	0.7	54	2.13	77	3.03	671.5	26.44	2.27	5	24	15/16	18.2	0.72
B44LT99-62	299	62	45.7	26	1.04	19	0.77	75	2.94	65	2.55	715.5	28.17	3.95	8.7	27	1-1/16	19	.755

Total vibration emission value: <2.5 m/sec² (ISO 28927-2:2009); Sound pressure level at work station LpA (ref 20μPa) is < 70dB(A) (ISO 15744-2002).

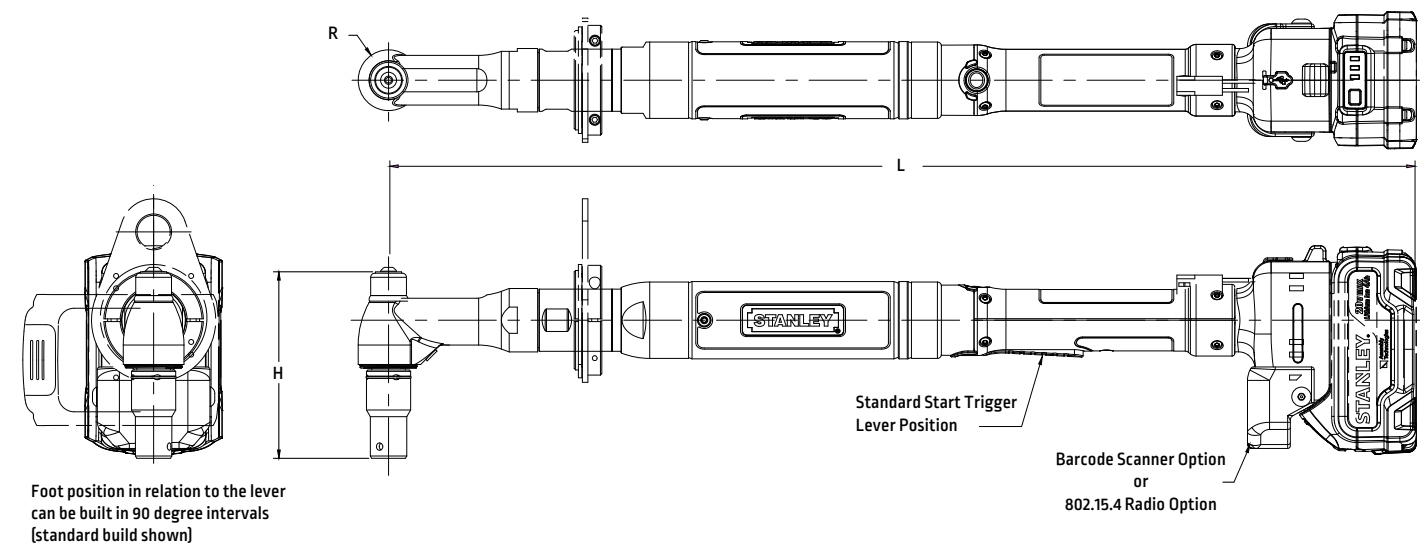
Crowfoot



	Rated Speed	Max Torque		"R" Nose Radius		"T" Thickness		"W" Width		"P" Length		"L" Length		Weight		Maximum Hex Size	
Model	RPM	Nm	lb ft	mm	in	mm	in	mm	in	mm	in	mm	in	kg	lb	mm	in
B23LC550-13	460	13	9.6	13	0.5	9	0.37	25	1.00	77	3.05	629	24.8	2.5	5.6	13	0.5
B23LC624-14	478	14	10.3	21	0.81	14	0.55	38	1.5	75	2.95	582.2	22.92	2.4	5.3	19	0.75
B23LC390-15	335	15	11	11	0.43	16	0.63	22	0.87	51	1.99	642	25.3	2.4	5.3	13	0.5
B23LC477-15	383	15	11.1	12	0.47	16	0.63	32	1.25	161	6.33	714.3	28.12	2.6	5.73	13	0.5
B23LC501-18	340	18	13.3	13	0.52	17	0.65	38	1.48	123	4.85	728.5	28.68	2.27	5	15	0.625
B23LC216-26	225	26	19.1	13	0.5	14	0.56	30	1.19	47	1.86	660	26	2.4	5.3	13	0.5
B23LC521-30	180	30	22.1	13	0.5	16	0.63	32	1.25	45	1.76	611	24	2.5	5.6	13	0.5
B23LC29-37	160	37	27.3	21	0.81	14	0.56	38	1.50	43	1.70	590	23.2	2.5	5.6	19	0.75
B23LC566-38	155	38	28.0	21	0.81	21	0.81	38	1.50	43	1.70	593	23.3	2.4	5.3	19	0.75
B33LC601-65	237	65	47.9	21	0.81	17	0.66	38	1.5	71	2.78	780.5	30.73	2.72	6	19	0.75

Hold and Drive Tools

8.4 to 42 Nm



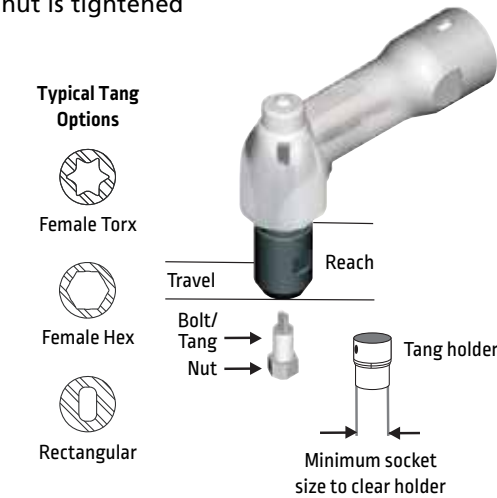
	Rated Speed	Max Torque		"R" Side to Center		"H" Head Height		"L" Length		Weight		Travel
Model	RPM	Nm	lb ft	mm	in	mm	in	mm	in	kg	lb	Standard
B23LH18V1-42	200	42	31	18	0.69	109	4.28	590	23.2	2	4.5	1" Tang
B23LH18V2-42	200	42	31	18	0.69	109	4.28	590	23.2	2.2	4.9	2" Tang
B23LH22AV1-80	103	80	59	22	0.87	115.06	4.53	612.8	24.1	3	6.6	1" Tang
B23LH22AV2-80	103	80	59	22	0.87	148.2	5.84	612.8	24.1	3.2	7.1	2" Tang

Total vibration emission value: <2.5 m/sec² (ISO 28927-2:2009); Sound pressure level at work station LpA (ref 20µPa) is < 70dB(A) (ISO 15744-2002).

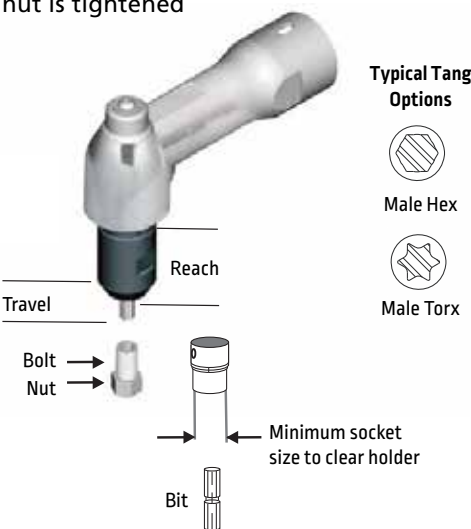
See pages 126-137 for the Hold and Drive Configuration Guide

Hold and Drive Options

A Tang holds the bolt while the nut is tightened



A Bit holds the bolt while the nut is tightened



NOTE: The bolt can extend beyond the nut no more than the specified travel distance when tightened.

DEWALT Lithium Batteries and Chargers

DEWALT 20V, 2 AH AND 5 AH (18 VOLT, 5AH EUROPEAN MODEL) PLATFORM

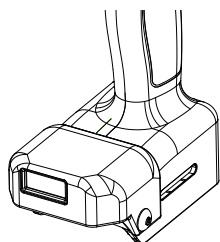
- » Estimated 2,200 fastening cycles per charge for 5 Ah*
- » 3-LED Fuel Gauge indicator for immediate feedback on state of charge

DEWALT 60V, 2 AH AND 3 AH (54 VOLT, 2 AH EUROPEAN MODEL) PLATFORM

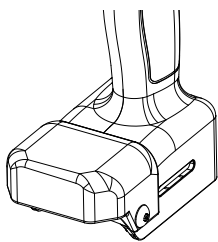
- » Estimated 3,300 fastening cycles per charge for 2 Ah*
- » 3-LED Fuel Gauge indicator for immediate feedback on state of charge

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:

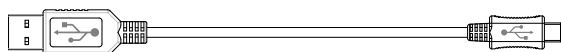
	ITEM	DESCRIPTION
N. AMERICA (NA)	21R209202	20V Battery Pack, 2 Ah
	21R209205	20V Battery Pack, 5 Ah
	21R209402	20V / 60V Battery Charger
	21R209203	60V, 2 Ah / 20V, 6 Ah Battery Pack
	21R209204	60V, 3 Ah / 20V, 9 Ah Battery Pack
EUROPE	N566456	Battery Pack, 18V 2 Ah
	E008 500	Battery Pack, 18V, 5 Ah
	N630880	Charger 18V/54V/SINGLE/DCB118-QW
	N630919	Battery 54, 2 Ah/18V, 6 Ah -108Wh-DCB546-XJ
	N630923	Battery 54, 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



Barcode Scanner Option



802.15.4 Wireless Radio Option



Programming Cable

*Dependent on application and joint rate

OPTIONS**

Barcode Scanner		802.15.4 Radio	
B12 Pistol Grip	20H106100	B12 Pistol Grip	20H106102
B12 Push-to-Start Pistol	20H106101	B12 Push-to-Start Pistol	20H106103
B12 Lever Style	20H106300	B12 Lever Style	20H106301
B23 Lever Style	20H106200	B23 Lever Style	20H106202
B33/B44 Lever Style	20H106201	B33/B44 Lever Style	20H106203

ACCESSORIES

Programming Cable	20C206600
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**QPM Cordless tool can accommodate one option (e.g., a barcode scanner OR an IEEE 802.15.4 radio)



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

Option/Accessory Quick Reference Chart

Accessory	EB Series (Corded Tools)									B Series (Cordless Tools)				
	Lever								Pistol	Lever				Pistol
	Angle				Inline					Angle			Inline	
	EB12	EB22/33	EB34/44	EB45/55	EB12	EB22/33	EB34/44	EB45/55	EB12	B12	B23/33	B44	B12	B12
	6 - 13 Nm	13 - 60 Nm	55 - 120 Nm	120 - 400 Nm	2 - 14 Nm	16 - 40 Nm	55 - 120 Nm	140 - 2000 Nm	2 - 14 Nm	8 - 16 Nm	12 - 95 Nm	55 - 120 Nm	5 - 11 Nm	5 - 11 Nm
Wire (Suspension) Bail	Std	Opt	Opt	N/A	Std	Opt	Opt	N/A	Std	Std	Opt	Opt	Std	Std
Swivel Bail	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	N/A	Opt	Opt	Opt	Opt	N/A
Reaction Bar	N/A	N/A (Std only over 50 Nm)	Std	Std	Std	Std	Std	Std	Opt	N/A	N/A (Std only over 50 Nm)	Std	Opt (Std only on push to start)	Opt
Rubber Grip	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	N/A	N/A	N/A	N/A	N/A
Headlights	N/A	Opt (EB33)	Opt (EB34)	N/A	N/A (Std only on push to start)	Opt (EB33)	Opt (EB34)	N/A	Std	N/A	Opt	N/A	N/A (Std only on push to start)	Std
Forward Facing Lever	N/A	Avail	Avail	Avail	N/A	Avail	Avail	Avail	N/A	Avail	Avail	N/A	Avail	N/A
Extended Lever	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	N/A	Avail	N/A	N/A	Avail	N/A
Two Hand Switch	N/A	Opt (EB33)	Opt	Opt	N/A	Opt (EB33)	Opt	Opt	N/A	N/A	Opt	N/A	N/A	N/A
Top Exit	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Opt	N/A	N/A	N/A	N/A	Opt
Barcode Scanner or Zigbee	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Opt	Opt	Opt	Opt	Opt



STANLEY ASSEMBLY TECHNOLOGIES QBE CONTROLLERS

QBE Controllers

THE QBE CONTROLLER PLATFORM delivers industry-leading advanced process control, system configuration flexibility, ease of set-up options both on-screen and with embedded software utilities, and exceedingly high performance. From an error proofing system to assembly line control system, STANLEY QBE Controllers are the standard for all others in precision threaded fastening control.

THE QBE CONTROLLER PLATFORM FEATURES:

- **Low Cost of Ownership:** Single control platform for the complete range of STANLEY Assembly Technologies Tools to 2000 Nm, handheld and fixtured.
- **Durability:** All controllers have an Ingress Protection rating 54 (IP 54)
- **Flexibility:** Connectivity options include 24V I/O, USB, Ethernet, Serial and Fieldbus
- **Ease of Use:** QBE Expert, Specialist, Advanced and Standard controllers can be setup from the front panel or from a computer's web browser using the Alpha Toolbox Ethernet connection
- **Intelligent Connectivity:** Alpha Toolbox, included in every QBE Controller, is used to program strategies, collect fastening cycle and trace data, and perform online diagnostics of the tool and controller (see page 84)
- **Intuitive Design:** The Wizard provides an easy method to control programming directly from the keypad on the controller or with Alpha Toolbox software
- **Inexpensive Upgrade Path:** The QBE Controller is designed to power the complete STANLEY Assembly Technologies tool product line:
 - » EB-Series Corded Tools
 - » EB-Series Corded Fixtured Tools
 - » B-Series Cordless Tools
 - » E-Series Corded and Fixtured Tools
 - » Previous generations (EA-Series and EC-Series Tools)

The QBE Controller platform includes options that are based on our customer's requirements. Please choose from our range of controller options:

- **QBE Expert Controller** is the premier Single Tool Controller and Lead Controller in a Multi-Spindle System
- **QBE Specialist Controller** is a Multi-Spindle and Cordless Tool Controller
- **QBE Advanced Controller** is a Single Spindle Controller or a Lead Controller for a Dual-Spindle System
- **QBE Standard Plus Controller** is a Single Spindle Controller without Ethernet or Fieldbus Options
- **QBE Node Controller** is a Single Spindle Controller used for trailing spindles in Multiple Tool (Fixtured) Applications or in Multi-Tool Systems
- **QBE Network Node Controller** is a Cordless Tool Controller for up to 6 B-Series Cordless Tools

SPECIFICATIONS FOR QBE CONTROLLERS:

- **Dimensions (W x H x D):** 15 cm x 36 cm x 26 cm (6 in x 14 in x 10 in)
- **Weight:** 7.6 kg (16.7 lb)
- **I/O Power Supply:** 24V DC, 1A Internal, Ready for External Power Supply
- **AC Power Source:** Auto Detect 100 – 126.5V or 200 – 253V AC, 50 or 60 Hz
- **Humidity:** 0 to 95% non-condensing
- **Temperature:** 32 – 122 °F (0 – 50 °C)



How to Order

STEP 1: Refer to the matrix on the specific controller page to identify the Model Number and Options based requirements.

STEP 2: Select a power cord by the supply voltage and country, if required. Or select No Power Cord.

Power Cord Description	Part No.
Argentina Power Cord 230V, 2m	20C105202
Australia Power Cord 230V, 2m	20C102103
Brazil Power Cord 230V, 2m	20C102104
China Power Cord 230V, 2m	21C103905
Euro Power Cord 230V, 2m	20C102102
Japan Power Cord 125V, 2m	20C102101
Japan Power Cord 250V, 2m	20C102105
US Power Cord 115V, 2m	20C102002
US Power Cord 115V, 7m	20C102007
US Power Cord 230V, 2m	21C103902

Power Cord Description	Part No.
UK Power Cord 230V, 2m	20C102202
Power Distribution Panel Cord, 1m	20C203401
Power Distribution Panel Cord, 2m	20C203402
Twist Lock Power Cord 115V, 2m	20C103802
Twist Lock Power Cord 115V, 4m	20C103804
Twist Lock Power Cord 115V, 7m	20C103807
Twist Lock Power Cord 230V, 2m	20C106302
Twist Lock Power Cord 230V, 7m	20C106307
GFI 30ma 250V Assembly for Europe	21E102300
India Power Cord 250V, 2m	20C102106

STEP 3: A plinth is selected as standard. If no plinth is required, select No Plinth.

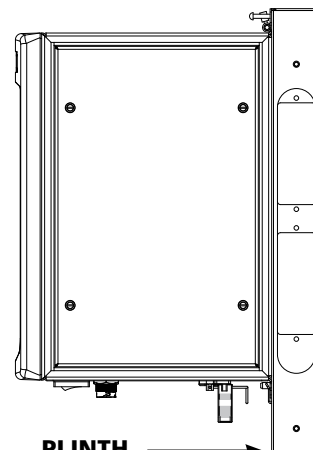
STEP 4: Select I/O Cable options, if required.

I/O Mating Connector Description	Standard/Optional	Part No.
24V I/O Mating Connector, Phoenix for Basic Alpha	Standard	21C104806
24V I/O Mating Connector, Solder Cup [Standard, Advanced, Expert, Network Node]	Standard	21C104800
24V I/O Mating Connector, Crimp Pins [Standard, Advanced, Expert, Network Node]	Optional	21C104802
24V I/O Mating Connector, Crimp Pins, with Crimp Tool [Standard, Advanced, Expert, Network Node]	Optional	21C104804
5M, 24V I/O Ext. Cable [I/O Connector to Pigtail]	Optional	21C202005
20M, 24V I/O Ext. Cable [I/O Connector to Pigtail]	Optional	21C202010
10M, 24V I/O Ext. Cable [I/O Connector to Pigtail]	Optional	21C202020
I/O Bracket Assembly, 19-Pin to Phoenix	Optional	21E102202

STEP 5: Select a floor stand, if required.

Floor Stand Description	No. of Spindles	Dimensions	Part No.
Floor Stand Kit	1 to 6	198H x 61W x 56D cm	21F100404
Assembled System with Floor Stand	1 to 6	78H x 24W x 22D in	Add /F to Model No.
Floor Stand Kit	7 to 12	198H x 61W x 88D cm	21F100402
Assembled System with Floor Stand	7 to 12	78H x 24W x 34.5D in	Add /F to Model No.

Please Note: If UL or CSA certification are required, please contact the STANLEY team to have this quoted to you.

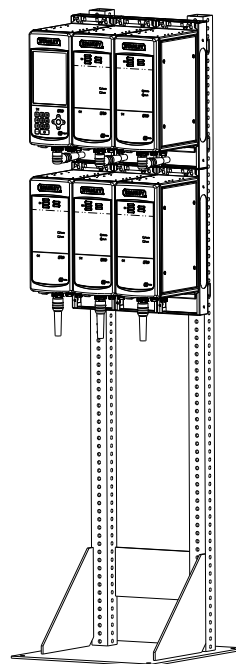


PLINTH

- Quick-change mounting by hand
- Cable management and routing

FLOOR STAND

- Top row of controllers require a 90° Extension.
- See pages 52-55 for Cable Options



QBE Expert Controller



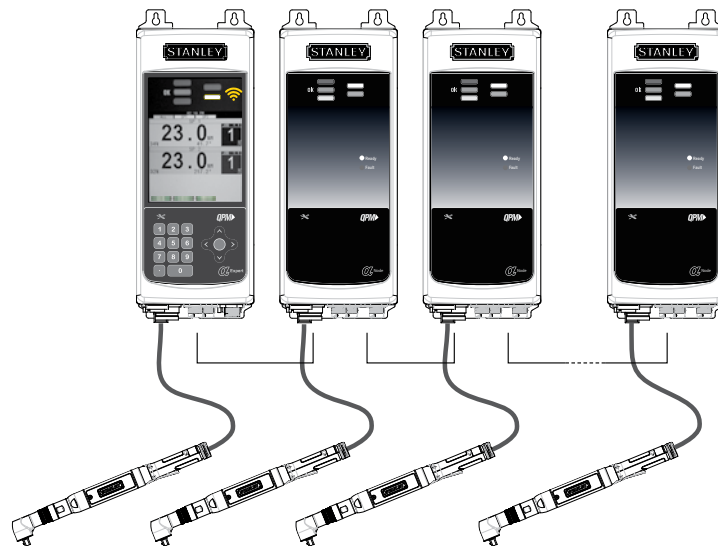
QBE Expert Controller is the premier Multi-Spindle Controller

BENEFITS:

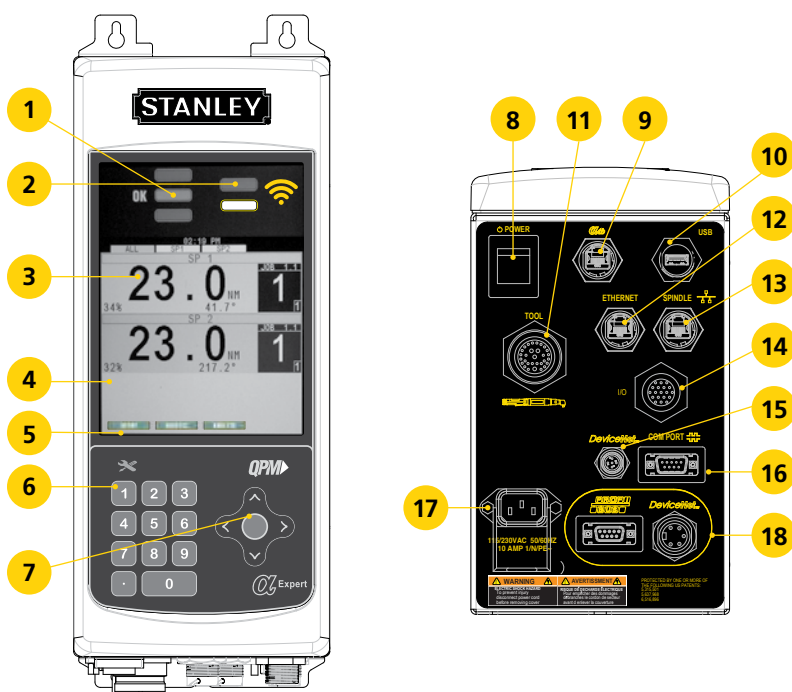
- Large Touchscreen, Color Display and Keypad
- Quick Set-up from the Controller Keypad, or with a PC, tablet, or smart phone
- Alpha Toolbox, STANLEY's web-based software for programming, collecting data and performing diagnostics
- Less training, less inventory and spare parts: STANLEY offers the same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

TECHNICAL FEATURES:

- One Network Connection for Multiple Spindles
- Operates as a Standalone Controller or as the Lead Controller of a multiple (fixtured) system
- Manages up to 24 trailing spindles (Advanced or Nodes) or Cordless Tools
- A maximum of 15 Cordless Connections are supported
- An 802.11 b/g/n wireless access point for B-Series Cordless Tools to connect as trailing spindles
- Stores Trace Data for 30,000 Fastening Cycles for Corded Tools
- 255 jobs, 99 tasks, 12 steps including smart steps and all advanced strategies
- Includes a USB port, a plant network Ethernet port, a Spindle network Ethernet port, a Serial port, and an emulated PLC function
- Embedded Modbus TCP
- Fieldbus options: Profibus, Profinet, DeviceNet and Ethernet IP
- 24V DC I/O, 8 Inputs / 8 Outputs, assignable



Spindles 1-24 connect
using an isolated Ethernet
Spindle Network



Description	
1	Red, Green, Yellow LEDs for Limits Evaluation
2	Programmable and Tool Ready LEDs
3	Display
4	Function Keys with Active Label Above
5	Maintenance Due Indicator
6	Numeric Keypad to Enter Numbers or Select Options
7	Cursor Keys with Center Button to Expand Lists
8	Power Switch
9	Alpha Toolbox Connector
10	USB Port for Data Transfer
11	Tool Connector
12	Plant Network Ethernet Connector
13	Spindle Network Ethernet Connector
14	24V DC Input/Output Connector
15	Optional Master DeviceNet Connector
16	Serial Port Connector
17	Power Input
18	Optional Fieldbus Connector[s]

Standard Features	Serial	Ethernet	USB	24V DC I/O	Modbus/TCP	Alpha Toolbox
All Models	✓	✓	✓	✓	✓	✓

Note: M12 Ethernet port available upon request. Contact STANLEY for more details.

Alpha Model Number for Optional Features	DeviceNet	PROFIBUS	EtherNet/IP	PROFINET	GM Ports	Lead DeviceNet Available	M12 Ethernet/IP ports
QB4101-MGV					✓	✓	
QB4101-MXV						✓	
QB4101-XEV			✓				
QB4101-XDV	✓						
QB4101-XGV				✓			
QB4101-XMV			✓				✓
QB4101-XNV			✓				
QB4101-XPV		✓					
QB4101-XXV							



QBE Specialist Controller



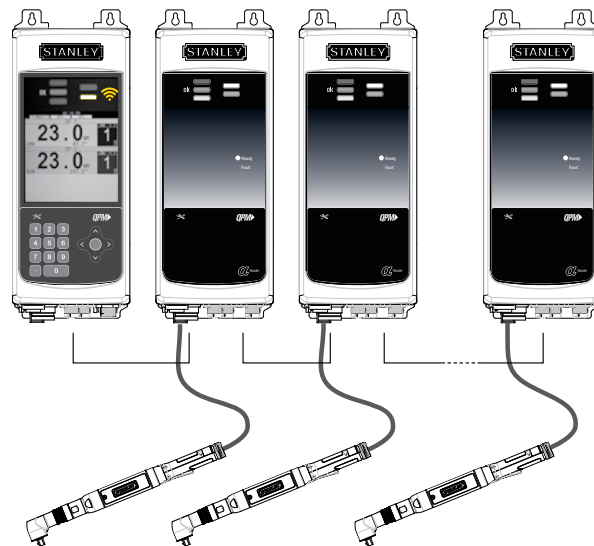
QBE Specialist Controller is a Multi-Spindle and Cordless Tool Controller

BENEFITS:

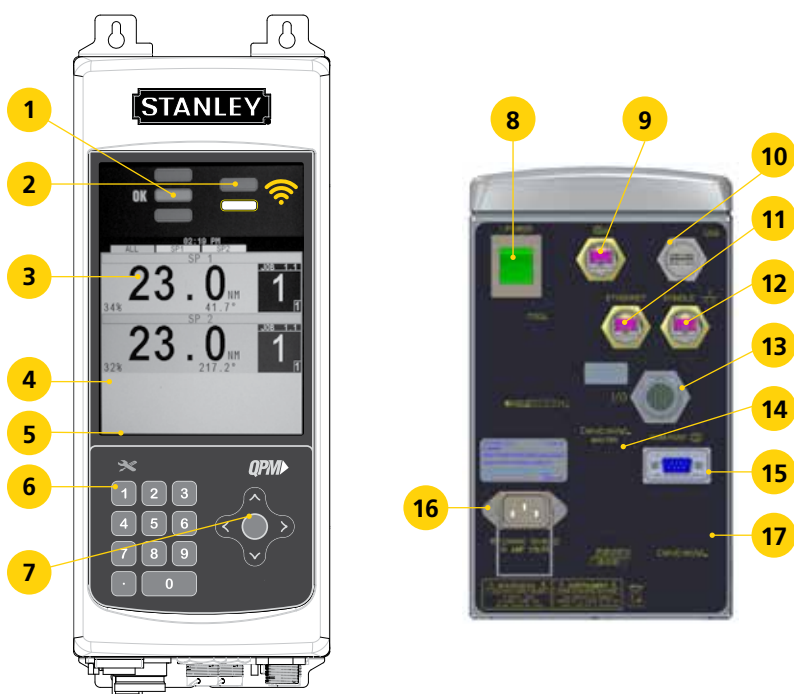
- Large Touchscreen, Color Display and Keypad
- Quick Set-up from the Controller Keypad, or with a PC, tablet, or smart phone
- Alpha Toolbox, STANLEY's web-based software for programming, collecting data and performing diagnostics
- Less training, less inventory and spare parts: STANLEY offers the same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

TECHNICAL FEATURES:

- Large touchscreen, color display and on-screen keypad
- Operates as the Lead Controller of a multiple (fixtured) system and manages up to 24 trailing spindles (Advanced or Nodes) or Cordless Tools
- A maximum of 15 Cordless Connections are supported
- 802.11 b/g/n and 802.15.4 (Option) wireless access point for B-Series Cordless Tools to connect as trailing spindles
- Includes a USB port, a plant network Ethernet port, a Spindle network Ethernet port, a Serial port, fieldbus options, and an emulated PLC function
- 24V DC I/O, 8 Inputs / 8 Outputs, assignable



Spindles 1-24 connect
using an isolated Ethernet
Spindle Network



Description	
1	Red, Green, Yellow LEDs for Limits Evaluation
2	Programmable and Tool Ready LEDs
3	Touchscreen Color Display
4	Function Keys with Active Label Above
5	Maintenance Due Indicator
6	Numeric Keypad to Enter Numbers or Select Options
7	Cursor Keys with Center Button to Expand Lists
8	Power Switch
9	Alpha Toolbox Connector
10	USB Port for Data Transfer
11	Plant Network Ethernet Connector
12	Spindle Network Ethernet Connector
13	24V DC Input/Output Connector
14	Optional Master DeviceNet Connector
15	Serial Port Connector
16	Power Input
17	Optional Fieldbus Connector(s)

Standard Features	Serial	Ethernet	USB	24VDC I/O	Modbus/TCP	Alpha Toolbox
All Models	✓	✓	✓	✓	✓	✓

Note: M12 Ethernet port available upon request. Contact STANLEY for more details.

Alpha Model Number for Optional Features	DeviceNet	PROFIBUS	EtherNet/IP	PROFINET	GM Ports	Lead DeviceNet Available	M12 EtherNet/IP ports
QB5100-MGV					✓	✓	IEEE 802.11
QB5100-MXV						✓	IEEE 802.11
QB5100-XDV	✓						IEEE 802.11 b/g/n
QB5100-XEV			✓				IEEE 802.11 b/g/n
QB5100-XGV					✓	✓	IEEE 802.11
QB5100-XMV			✓				IEEE 802.11 b/g/n
QB5100-XNV				✓			IEEE 802.11 b/g/n
QB5100-XPV		✓				✓	IEEE 802.11 b/g/n
QB5100-XXV						✓	IEEE 802.11 b/g/n
QB5300-XXV						✓	IEEE 802.15.4



QBE Advanced Controller



QBE Advanced Controller is a Single Spindle Controller or a Lead Controller for a Dual-Spindle System

BENEFITS:

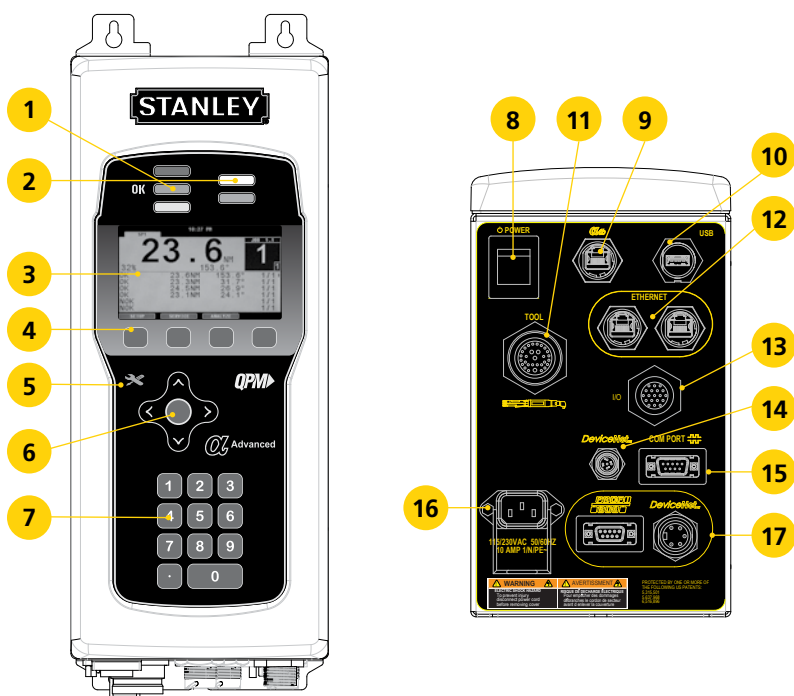
- Color Display with Keypad
- Quick Set-up from the Controller Keypad, or with a PC through Ethernet
- Alpha Toolbox, STANLEY's web-based software for programming, collecting data and performing diagnostics
- Less training, less inventory and spare parts: STANLEY offers the same Controller platform for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

TECHNICAL FEATURES:

- Two-line color display and soft key keypad
- Operates as a Standalone Controller or as part of a dual spindle system
- The Advanced controller can control up to 2 spindles including its own (typically Nodes or Advanced controllers can be used)
- Stores Trace Data for 30,000 Fastening Cycles
- 255 jobs, 99 tasks, 12 steps including smart steps and all advanced strategies
- Includes a USB port and 2 Ethernet ports, a Serial port, fieldbus options, an integrated PLC
- 24V DC I/O, 8 Inputs / 8 Outputs, assignable



Dual Spindle Operation



Description	
1	Red, Green, Yellow LEDs for Limits Evaluation
2	Programmable and Tool Ready LEDs
3	Display
4	Function Keys with Active Label Above
5	Maintenance Due Indicator
6	Numeric Keypad to Enter Numbers or Select Options
7	Cursor Keys with Center Button to Expand Lists
8	Power Switch
9	Alpha Toolbox Connector
10	USB Port for Data Transfer
11	Tool Connector
12	Plant / Spindle Network Ethernet Connectors
13	24V DC Input/Output Connector
14	Optional Master DeviceNet Connector
15	Serial Port Connector
16	Power Input
17	Optional Fieldbus Connector(s)

Standard Features	Serial	Ethernet	USB	24VDC I/O	Modbus/TCP	Alpha Toolbox
All Models	✓	✓	✓	✓	✓	✓

Note: M12 Ethernet port available upon request. Contact STANLEY for more details.

Alpha Model Number for Optional Features	DeviceNet	PROFIBUS	EtherNet/IP	PROFINET	GM Ports	Lead DeviceNet Available	M12 Ethernet/IP ports
QB3101-MGV					✓	✓	
QB3101-MXV						✓	
QB3101-XDV	✓						
QB3101-XEV			✓				
QB3101-XGV				✓			
QB3101-XMV			✓				✓
QB3101-XNV				✓			
QB3101-XPV		✓					
QB3101-XXV							



QBE Standard Plus Controller



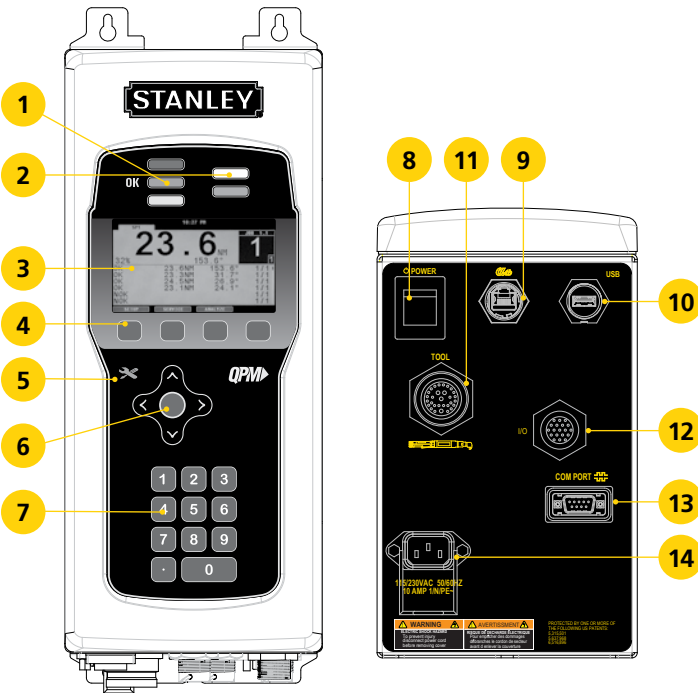
QBE Standard Plus Controller is a Single Spindle Controller

BENEFITS:

- Color Display with Keypad
- Economical, single Controller system option
- Quick Set-up from the Controller Keypad, or with a PC through Ethernet 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 Fixtured EB-Series, E-Series and EA-Series Tools

TECHNICAL FEATURES:

- Two-line color display and soft key keypad
- Operates as a Standalone Controller
- Stores Trace Data for 30,000 Fastening Cycles
- 255 jobs, 99 tasks, 12 steps including smart steps and all advanced strategies
- Includes a USB port and a Serial port
- 24V DC I/O, 8 Inputs / 8 Outputs, assignable



Alpha Model Number	Serial	Ethernet	USB	24V DC I/O	Modbus/TCP	Alpha Toolbox
QB2201	✓		✓	✓		✓

	Description
1	Red, Green, Yellow LEDs for Limits Evaluation
2	Programmable and Tool Ready LEDs
3	Display
4	Function Keys with Active Label Above
5	Maintenance Due Indicator
6	Cursor Keys with Center Button to Expand Lists
7	Numeric Keypad to Enter Numbers or Select Options
8	Power Switch
9	Alpha Toolbox Connector
10	USB Port for Data Transfer
11	Tool Connector
12	24V DC Input/Output Connector
13	Serial Port Connector
14	Power Input

QBE Node Controller



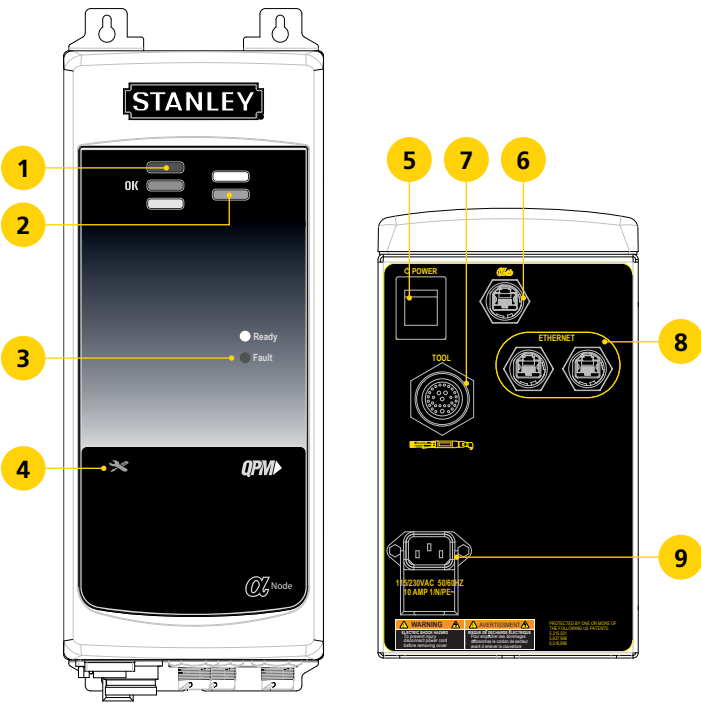
QBE Node Controller is a Single Spindle Controller used for trailing spindles in Multiple Tool (Fixtured) Applications

BENEFITS:

- Simplified user interface with LEDs
- Program through the USB port with Alpha Toolbox or through the Lead Controller
- 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 Coded Handheld and Fixtured EB-Series, E-Series and EA-Series Tools

TECHNICAL FEATURES:

- No onscreen display, Red, Green, Yellow LEDs for Limits Evaluation, Tool Ready and Fault
- Operates as part of a multiple (fixtured) system
- Stores Trace Data for 30,000 Fastening Cycles
- 255 Jobs and 99 Tasks with 12 Steps
- 1 Serial ports and Ethernet Port for Spindle Network Connections



Alpha Model Number	Serial	Ethernet	USB	24V DC I/O	Modbus/TCP	Alpha Toolbox
QB0101		✓				✓

	Description
1	Red, Green, Yellow LEDs for Limits Evaluation
2	Programmable and Tool Ready LEDs
3	Ready / Fault LEDs
4	Maintenance Due Indicator
5	Power Switch
6	Alpha Toolbox Connector
7	Tool Connector
8	Spindle Network Ethernet Connectors
9	Power Input

QBE Network Node Controller



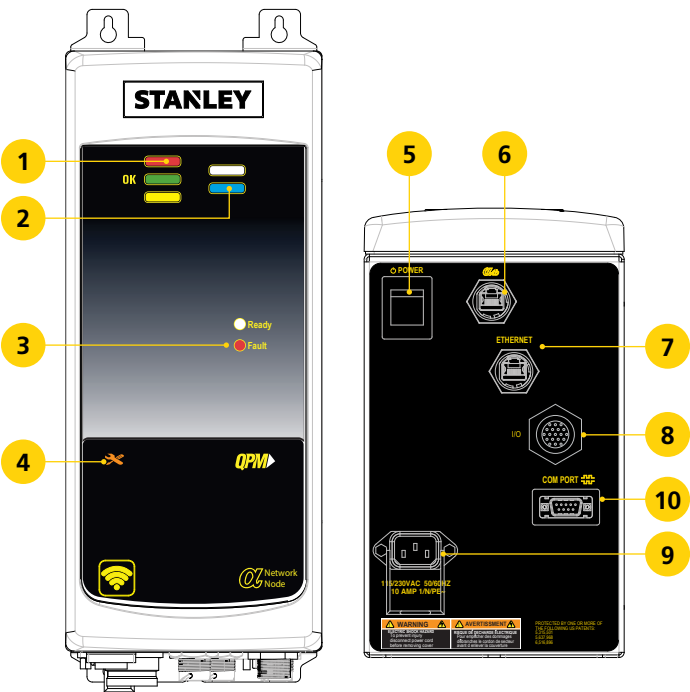
QBE Network Node Controller is a Cordless Tool Controller for up to 6 B-Series Cordless Tools

BENEFITS:

- Simplified user interface with LEDs
- 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 Fixtured EB-Series, E-Series and EA-Series Tools

TECHNICAL FEATURES:

- No onscreen display, Red, Green, Yellow LEDs for Limits Evaluation, Tool Ready and Faults
- One-to-One wireless connection (802.15.4)
- Operates as an interface between the B-Series Cordless tools and customers’ Error Proofing or Data Collection system
- Up to 6 B-Series Cordless Connections (802.11 b/g/n)
- Node controllers include an Ethernet port and a Serial port
- IEEE 802.15.4 wireless option communication to Network Node (QB0301)
- 24V DC I/O, 8 Inputs / 8 Outputs, assignable



Alpha Model Number	Serial	Ethernet	USB	24VDC I/O	Modbus/TCP	Alpha Toolbox	
QB0201	✓	✓		✓	✓	✓	IEEE 802.11 b/g/n
QB0301	✓	✓		✓	✓	✓	IEEE 802.15.4

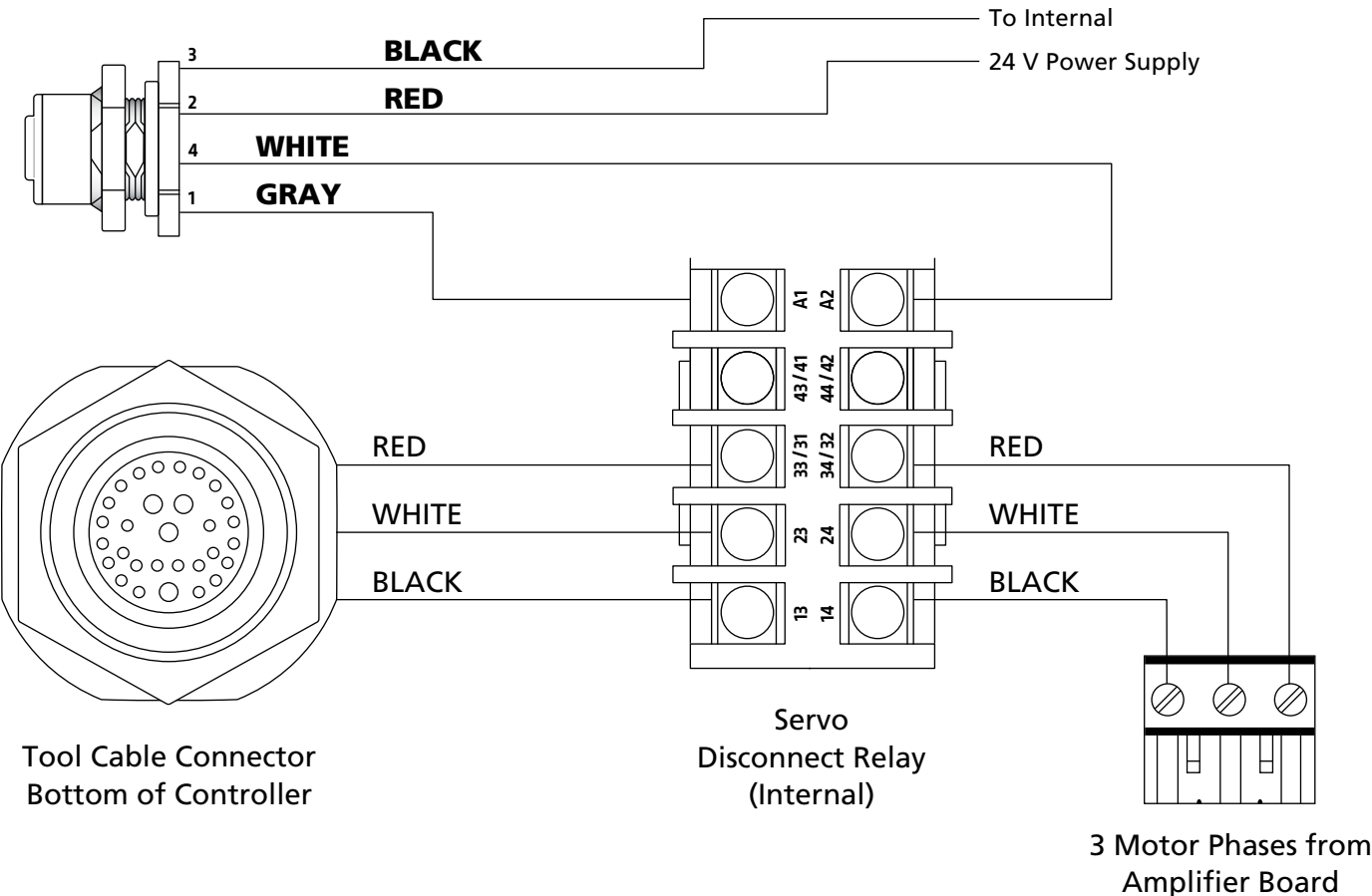
Description	
1	Red, Green, Yellow LEDs for Limits Evaluation
2	Programmable and Tool Ready LEDs
3	Ready / Fault LEDs
4	Maintenance Due Indicator
5	Power Switch
6	Alpha Toolbox Connector
7	Network Ethernet Connector
8	24V DC Input/Output Connector
9	Power Input
10	Serial Port Connector

QB Spindle Disconnect Controllers

Spindle Disconnect controllers are the same as the controllers on the previous pages with the exception they have a contactor inside to disconnect the 3-phases to the motor to stop the tool when activated. These controllers are designed to operate as part of a multiple (fixtured) system.

SPINDLE DISCONNECT

Connector on Bottom of Controller



The controllers that have the Spindle Disconnect are the Expert, Advanced and Node. The model numbers will change from the previous pages. See chart.

Controller	Part No.
Node	QB0111
Advanced	QB3111-XXX
Expert	QB4111-XXX

If options for the controller are required, use the extensions from the appropriate controller page to add the proper extension. For instance, if Profibus is required on an Advanced controller use QB3111-XPV to get the Advanced controller with the Servo Disconnect and the Profibus fieldbus for the controller.

Accessories	Part No.
M12 Spindle Disconnect Tee	21R202205
M12 Spindle Disconnect Cable	21C102302

Alpha Toolbox Software

STANLEY Assembly Technologies – Alpha Toolbox Software for QBE Controllers

Alpha Toolbox, included in every QBE Controller, is used to program strategies, collect fastening cycle and trace data, and perform online diagnostics of the tool and controller. This powerful software utility enables:

- Tool configuration
- Tool diagnostics
- Data collection and maintenance intervals
- Advanced user integration

BENEFITS:

- No set-up is required
- Intuitive and Easy to Use
- Flexible Connectivity

QBE Controllers include a dedicated Alpha Toolbox port. This browser based software is executed from an Ethernet connection to the controller or wirelessly on a tablet, PC or phone. Simply connect a computer to the port, type "ATB.QPM" into a web browser and the software is available for use. The Wizard provided by STANLEY, offers an easy method to control programming directly from the keypad on the controller or with Alpha Toolbox. Users can also take advantage of advanced programming using Alpha Toolbox or Alpha Gateway software with a computer. For advanced, multiple tool systems, Alpha Toolbox includes a PLC Editor for easy integration.

