

leJEUNE
BOLT COMPANY



Tools & Equipment



LeJeune's line of tension-control tools, parts and service offer the following benefits.

- One-sided, one-man installation
- Quiet, non-impacting operation
- Lightweight, electric operation
- No tool or air compressor calibration
- Low maintenance
- Reduced operator fatigue



6922NB



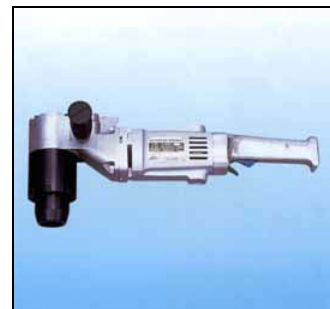
S-60EZA



S-110EZ



S-90EZ

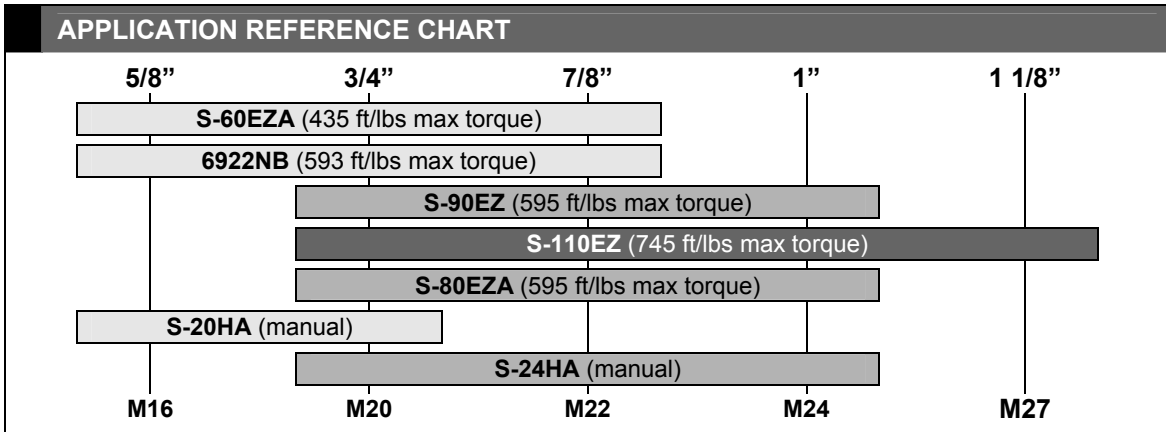


S-80EZA



S-20HA/S-24HA

**APPLICATION
SPECIFICATION
COMMON REPLACEMENT PARTS & ACCESSORIES**



TOOL SPECIFICATIONS

MODEL	S-60EZA	6922NB	S-90EZ	S-110EZ	S-80EZA	S-20HA	S-24HA
Tool Specifications							
Voltage	115V	115V	115V	115V	115V	.	.
Max Current	13.5A	12.0A	12.0A	13.5A	11.5A	.	.
Max Power Consumption	1300W	1200W	1200W	1300W	1100W	.	.
Frequency	50~60Hz	50~60Hz	50~60Hz	50~60Hz	50~60Hz	.	.
Max Torque	435 ft/lbs	593 ft/lbs	595 ft/lbs	745 ft/lbs	595 ft/lbs	.	.
No-Load Rotation	22 RPM	18 RPM	15 RPM	16 RPM	12 RPM	.	.
Weight	12.1 lbs	10.6 lbs	16.7 lbs	22.7 lbs	17.6 lbs	9.0 lbs	13.9 lbs

COMMON REPLACEMENT PARTS AND ACCESSORIES

MODEL	S-60EZA	6922NB	S-90EZ	S-110EZ	S-80EZA	S-20HA	S-24HA
Part Numbers							
5/8" Inner Socket	60-IS5					20-IS5	
5/8" Outer Socket	60-OS5					20-OS5	
3/4" Inner Socket	60-IS6	69-IS6	90-IS6	110-IS6	80-IS6	20-IS6	24-IS6
3/4" Outer Socket	60-OS6	69-OS6	90-OS6	110-OS6	80-OS6	20-OS6	24-OS6
7/8" Inner Socket	60-IS7	69-IS7	90-IS7	110-IS7	80-IS7		24-IS7
7/8" Outer Socket	60-OS7	69-OS7	90-OS7	110-OS7	80-OS7		24-OS7
1" Inner Socket			90-IS8	110-IS8	80-IS8		24-IS8
1" Outer Socket			90-OS8	110-OS8	80-OS8		24-OS8
1 1/8" Inner Socket				110-IS9			
1 1/8" Outer Socket				110-OS9			
Ejector Pin	60-13	69-3	90-15	110-15	80-15		
Ejector Spring	60-14	69-4	90-16	110-16	80-16		
Inner Socket Spring	60-15	69-5	90-14	110-14	80-17		
Carbon Brush	60-114	69-55	90-95	110-97	80-111		
Brush Cap	60-115	69-54	90-96	110-98	80-110		
Set Screw	60-17	69-16	90-18	110-17			
Spirolox	60-16	69-6	90-17	110-18	80-1		

LeJeune's line of Simple Torqon tools, parts and service offer the following benefits.

- Torque control in both directions
- Quiet, non-impacting operation
- Lightweight, electric operation
- High precision and repeatability
- Low maintenance
- Reduced operator fatigue



SR31E



SR51E



SR121E



SR71E



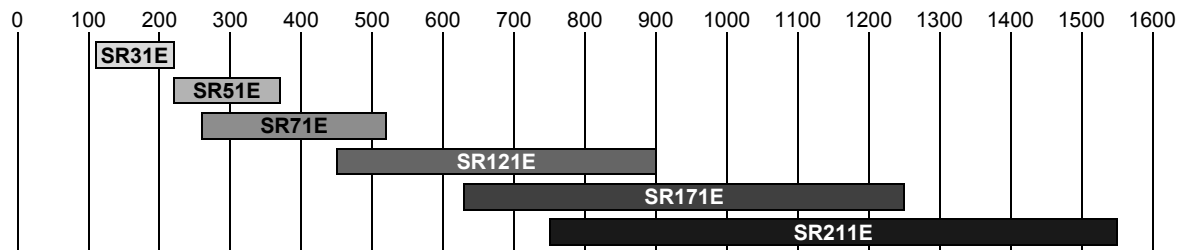
SR171E



SR211E

APPLICATION REFERENCE CHART

CONTROLLABLE TORQUE RANGE (FT/LBS)



TOOL SPECIFICATIONS

MODEL	SR31E	SR51E	SR71E	SR121E	SR171E	SR211E
Tool Specifications						
Voltage	115V	115V	115V	115V	115V	115V
Max Current	13.5A	13.5A	13.5A	15.0A	12.5A	12.0A
Max Power Consumption	1100W	1100W	1100W	1400W	1200W	1100W
Frequency	50~60Hz	50~60Hz	50~60Hz	50~60Hz	50~60Hz	50~60Hz
Controllable Torque (ft/lbs)	110~220	220~370	260~520	450~900	630~1250	750~1550
No-Load Rotation	31 RPM	25 RPM	17 RPM	16 RPM	6 RPM	4 RPM
Weight	9.5 lbs	11.2 lbs	12.1 lbs	19.4 lbs	16.3 lbs	38.6 lbs

COMMON REPLACEMENT PARTS AND ACCESSORIES

MODEL	SR31E	SR51E	SR71E	SR121E	SR171E	SR211E
Part Numbers						
5/8" Socket Set	31-BS5	51-BS5				
3/4" Socket Set		51-BS6	71-BS6			
7/8" Socket Set		51-BS7	71-BS7	121-BS7		
1" Socket Set			71-BS8	121-BS8	171-BS8	
1 1/8" Socket Set				121-BS9	171-BS9	211-BS9
1 1/4" Socket Set						211-BS10
Carbon Brush			71-93	121-85		
Brush Cap			71-94	121-88		
Set Screw			71-7	121-7		

LeJeune's full line of Simple Torqon tools, parts and service offer the following benefits.

- Torque control in both directions
- Quiet, non-impacting operation
- Lightweight, electric operation
- High precision and repeatability
- Uses standard impact sockets
- Reduced operator fatigue



STC3AE



STC5AE



STC11AE



STC7AE



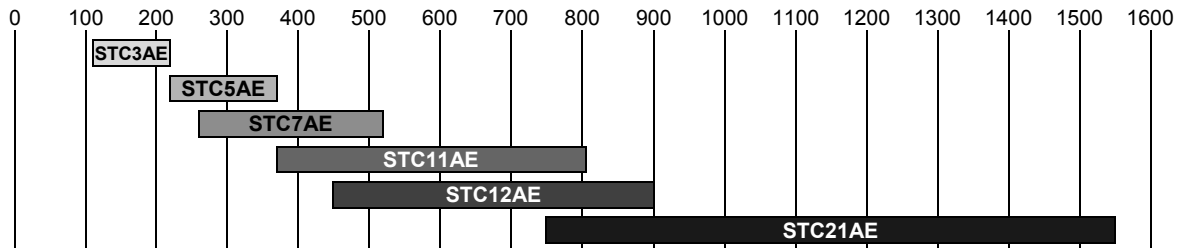
STC12AE



STC21AE

APPLICATION REFERENCE CHART

CONTROLLABLE TORQUE RANGE (FT/LBS)



TOOL SPECIFICATIONS

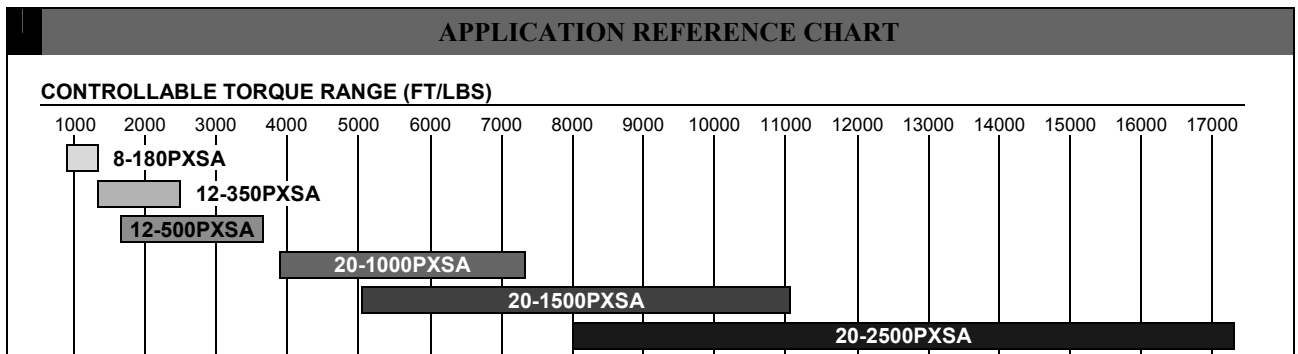
MODEL	STC3AE	STC5AE	STC7AE	STC11AE	STC12AE	STC21AE
Tool Specifications						
Voltage	115V	115V	115V	115V	115V	115V
Max Current	13.5A	13.5A	13.5A	15.0A	15.0A	12.0A
Max Power Consumption	1100W	1100W	1100W	1400W	1400W	1100W
Frequency	50~60Hz	50~60Hz	50~60Hz	50~60Hz	50~60Hz	50~60Hz
Controllable Torque (ft/lbs)	110~220	220~370	260~520	370~810	450~900	750~1550
No-Load Rotation	28 RPM	25 RPM	17 RPM	15 RPM	16 RPM	4 RPM
Weight	10.1 lbs	11.7 lbs	13.6 lbs	19.8 lbs	19.8 lbs	41.8 lbs
Square Drive	3/4"	3/4"	1"	1"	1"	1-1/2"

COMMON REPLACEMENT PARTS AND ACCESSORIES

SOCKETS	3/4" Drive	1" Drive	1-1/2" Drive			
Part Numbers						
5/8" Impact Socket – Std.						
5/8" Impact Socket – Deep						
3/4" Impact Socket – Std.						
3/4" Impact Socket - Deep						
7/8" Impact Socket – Std.						
7/8" Impact Socket - Deep						
1" Impact Socket – Std.						
1" Impact Socket - Deep						
1 1/8" Impact Socket – Std.						
1 1/8" Impact Socket - Deep						
1 1/4" Impact Socket – Std.						
1 1/4" Impact Socket - Deep						
MODEL	STC3AE	STC5AE	STC7AE	STC11AE	STC12AE	STC21AE
Part Numbers						
Carbon Brush						
Brush Cap						
Set Screw						



LeJeune's STC Torque Multipliers can be used with the Simple Torqon Standard Impact Socket Series to greatly increase controllable torque range.



SPECIFICATIONS						
MODEL	8-180PXSA	12-350PXSA	12-500PXSA	20-1000PXSA	20-1500PXSA	20-2500PXSA
Tool Specifications						
Output Torque Range (ft/lbs)	910~1330 ft/lbs	1330~2580 ft/lbs	1660~3690 ft/lbs	3980~7380 ft/lbs	5020~11070 ft/lbs	7860~17340 ft/lbs
Input Torque Range (ft/lbs)	220~320 ft/lbs	370~720 ft/lbs	370~810 ft/lbs	260~480 ft/lbs	370~810 ft/lbs	370~810 ft/lbs
Multiplier Ratio	4.1:1	3.6:1	4.5:1	15.4:1	13.6:1	21.3:1
Multiplier + STC Torqon	8-180PX + STC5AE	12-350PX + STC11AE	12-500PX + STC11AE	20-1000PX + STC7AE	20-1500PX + STC11AE	20-2500PX + STC11AE
Weight	22.7 lbs	39.7 lbs	49.8 lbs	73.4 lbs	112.4 lbs	202.8 lbs

For Easy, On-site Measurement of Bolt Tension

A Tension Calibrator Allows You To Verify:

- That your fasteners and installation method meet minimum bolt tension specifications.
- That your impact wrenches are properly calibrated.
- That your methods for installing tension control fasteners are correct.
- That the bolting crew understands how to achieve proper tension in all types of fasteners.
- That arbitration and delayed verification procedures are correct.
- That you have the right installation tools and equipment.

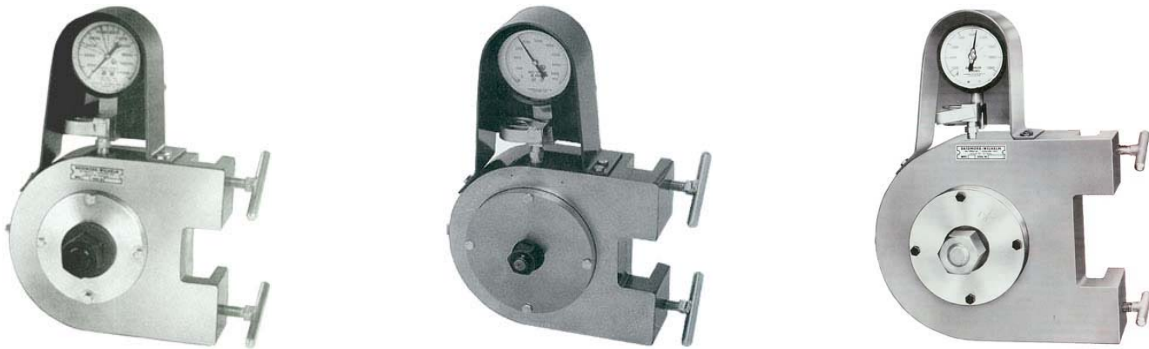
Tension Calibrators are designed for calibrating wrenches and testing high-strength bolts. The calibrator gives a direct dial pressure reading equivalent to the tension created in the fastener - accurate within 2% when properly used and calibrated.

How do you give the best evidence of properly installed fasteners? First demonstrate with the calibrator that your tightening procedures produce proper bolt tension. Then consistently apply these procedures to the job itself.

Skidmore-Wilhelm Bolt Tension Calibrators let you build the inspection into your selected bolt tightening procedure. For inspectors, engineers and clients alike, the proof of correct bolt tightening is right on the calibrator dial.

The Research Council on Structural Connections recommends that a tension-measuring device be available *at every job site*. * Obsolete torque checking methods do not meet approved bolt specifications.

Avoid Costly Rework and Reinspection by Meeting Research Council Specifications the First Time You Tighten.



LOAD CELL APPLICATION REFERENCE CHART

	5/8"	3/4"	7/8"	1"	1 1/8"	1 1/4"	1 3/8"	1 1/2"
Model M								
Model ML								
Model MS								
Model H								
	M16	M20	M22	M24	M27	M30	M34	M38

LeJeune's line of magnetic drills, cutters and accessories offer the following benefits.

- Portability
- Longer cutting tool life
- Low energy consumption
- Faster drilling
- Cleaner, more precise cut
- Versatility



BD35



E40



UD40A

uniber[®]



Airbor



E100/32



S60/32

Factors that effect hole drilling efficiency.

- Material hardness
- Abrasion resistance
- Condition of cutting tool
- Lubrication
- Speed (rpm)
- Feed rate

TOOL SPECIFICATIONS						
MODEL	E100/32	S60/32	E40	UD40A	BD35	Airbor
Specifications						
Capacity (diameter)	7/16" – 4"	7/16" – 2 3/8"	7/16" – 1 9/16"	7/16" – 1 9/16"	7/16" – 1 3/8"	7/16" – 2"
Capacity (depth)	3"	3"	2"	2"	2"	2"
Power	1.5 hp	2.0 hp	1.5 hp	1.5 hp	2.0 hp	90 psi 32 cfm
Motor	1050 watt 110V AC	1600 watt 110V AC	1100 watt 110V AC	1100 watt 110V AC	1600 watt 120V AC	Air
Speed (no load) low	220-260	70-275	90-340			
Speed (no load) high	350-420	140-540	150-600	430-720	450	500
Height (down position)	21"	21"	15-1/2"	19-1/2"	13"	16-1/2"
Weight	63 lbs	48 lbs	40 lbs	44 lbs	28 lbs	40 lbs
Magnet Adhesion	4000 lbs	3100 lbs	2000 lbs	2000 lbs	1900 lbs	1450 lbs
Stroke	10-1/4"	8-1/4"	6-5/8"	3-3/4"	4-3/4"	5"
Morse Taper	3	3	2	2	2	
Cutting Thickness	1/2"-3"	1/2"-3"	1/2"-2"	1/2"-2"	1/2"-2"	1/2"-2"
Twist Drill Adapter	UP253	UP253	UP252		UP053	
	UP054	UP054	UP054			
	UP256	UP256				
	UP055	UP055				
Standard Arbor	3/4" shank	3/4" shank			3/4" shank	3/4" shank

Our line of mag drills uses the latest manufacturing and design technology to provide hole cutting solutions for a wide range of industries, including the following.

- Construction
- Steel fabrication
- Oil and gas
- Mining and tunneling
- Shipyard
- Offshore oil/gas rigs
- Structural steelwork
- Automotive, truck, RV
- Highway and rail bridgework
- Petrochemical plants
- Welding shops
- Railroad service center
- HVAC
- Machinery installation
- Underwater drilling

Capabilities include drilling, broaching tapping, reaming, countersinking, overlapping holes, holes on edge of sheet and stacked plate drilling (with stack cutter).

Before You Drill

- Adjust feed rate to match material being cut (see unibor *Feeds and Speeds* chart). Harder material needs to be cut at slower speeds and may require special cutters.
- Do not force cutting tool into the material. This causes excessive friction and heat which will reduce the efficiency of the cutter and may cause tool breakage.
- Make sure coolant or lubricant is used
- Do not force the cutter through hard spots in material. Ease off and cut slower.
- Identify material properties before cutting (e.g. tensile strength and abrasion)

Remember: Cobalt cutters offer longer life when compared to standard high speed steel.

BASIC TOOL FEATURES

MODEL	E100/32	S60/32	E40	UD40A	BD35	Airbor
FEATURES						
Integral arbor support	Yes	Yes	Yes	Yes	Yes	Yes
Solid state control	Yes	Yes	Yes	No	Yes	No
Supplied coolant system	Yes	Yes	Yes	Yes	Yes	Yes*
Twist drilling	Yes	Yes	Yes	No	Yes	No
Gear ranges	2	2	2	1	1	1
Variable speed	Yes	Yes	Yes	Yes	No	No
Reversible	Opt.	No	Yes	No	No	No
Automatic operation	No	No	No	Yes	No	No
Power	Elec.	Elec.	Elec.	Elec.	Elec.	Air

* Pressurized

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