Lubrication Tools and Equipment

**PowerLuber® Grease Gun**

**Professional Two-Speed 14.4-Volt Cordless Grease Gun**

Lincoln’s new, heavy-duty 14.4-volt PowerLuber gives you the power to lubricate just about anything, anytime, anywhere. Two-speed switch for high-pressure or high-volume delivery. Cycle indicator pin to monitor grease output. “Smart” charging system delivers reliable power. All the features you need, including comfortable grip and balanced design; hook for shoulder strap; built-in hose and coupler holder; and a slim, compact carrying case.

**PowerLuber 14.4 Features**

- Powerful 14.4-volt high-torque motor—7,500 psi working output pressure, 10 oz./min. grease output at 1,000 psi
- Machined and hardened piston
- Slotted powerhead accepts shoulder strap (strap sold separately)
- Threaded opening (1/8” NPT) for filler nipple (not included)
- Accessible check valve
- Plated steel barrel with exclusive flip-over follower
- One-hour “smart” charge
- High-capacity NiCad 14.4-volt battery
- 30” high-pressure hose with spring guard and coupler

**Model 1442**
Includes grease gun, charger, battery and carrying case.

**Model 1444**
Includes grease gun, charger, batteries (2) and carrying case.

**Model 1242**
The standard PowerLuber 1242 comes outfitted with a heavy-duty carrying case. Comes complete with:
- 110-volt fast charger (model 1210)
- 12-volt NiCad rechargeable battery (model 1201)
- 30” flex hose with spring guard (model 1230)
- Custom carrying case (model 1202) designed to hold two rechargeable batteries and two grease cartridges (grease not included)

**Model 1244**
Top of the line. Includes second 12-volt rechargeable battery 1201 for uninterrupted lube application.

**Model 1240**
Economy packed without carrying case. Includes one 12-volt rechargeable battery 1201 and battery charger 1210.

**Model 1200**
PowerLuber and battery only.

**PowerLuber Accessories**

**Batteries**
14.4-volt NiCad rechargeable battery (Model 1401) comes standard with the PowerLuber Model 1444. Model 1201 battery easily snaps in for use with the PowerLuber 1242 Grease Gun and Model 1203 for 7.2V PowerLuber and Model 1227 for 3.6V MiniLuber.

**Whip Hoses**
Attach to PowerLuber with 7/16” UNEF fitting, 1/8” NPT(m) outlet. Working pressure 7500 psi (517 bar). Model 1218 (18”), 1224 (24”), 1230 (30”) and 1236 (36”).

**Chargers**

**Model 1410**
“Smart” charger recharges batteries in less than one hour and recognizes battery condition when not in use. For use with Model 1442 and 1444. **Model 1210**—110-volt one-hour fast charger for use with battery pack 1201. 6 ft. cord; UL/ULC listed. Also Model 1211 for 7.2-volt PowerLuber.

**Model 1215**
12-volt to 12-volt DC field charger for use with battery pack 1201 (plugs into cigarette lighter). **Model 1215A** allows use of both 12-volt and 24-volt DC input.

**Model 1414**
14.4-volt DC field charger.

**Model 1414**
Shoulder strap for hands-free movement from job to job.
Lincoln hand-held grease guns offer:

- Rugged cast pump head for strength and durability.
- Jam-proof toggle mechanism prevents binding or accidental bending of plunger.
- Exclusive “Flip-Over” follower allows a superior seal for either cartridge or bulk loading applications. Tough, resilient and impervious to lubricant.
- Extra-heavy follower spring insures positive priming and uninterrupted pumping action.
- Accessible check valve allows easy cleaning without gun disassembly.
- Precision fit and hardened plunger prevents lubricant bypass, resists scoring for longer life.
- Follower rod locks into follower to force prime.
Heavy-Duty Lever Type

Model 1142
First choice of users everywhere.

Model 1148
Same as 1142, with handle grip and vent valve for purging air from gun. Two-way filling, suction and cartridge. Variable stroke/variable pressure: short stroke—high pressure; long stroke—high volume.

Model 1147
Same as 1142 with 18” whip hose and coupler; flip-over follower set for cartridge use.

Model 1151
Same as 1142 but holds 21 ounces bulk; flip-over follower set for bulk loading.

Heavy-Duty Pistol Grip Type

Model 1132
Fast, one-hand operation with similar features and benefits of Lincoln lever-type grease guns. Includes 5” extension with coupler.

Model 1133
Same as 1132 with 18” whip hose and coupler.

Model 1134
Extra-heavy-duty pistol grip grease gun. Cast head design. Jam proof handle return mechanism. Develops up to 7500 psi. Includes both 18” whip hose with coupler and 6” rigid tube. Variable stroke/pressure design.

Model 91108 Filler Nipple
Enables hand guns to be loaded using filler pump method. Includes ball check; 1/8” NPT(m).

Model 82760 Grease Gun Holder
Can be mounted to almost any surface. Holds grease guns and suction guns with 21/4” OD barrel. Holds guns until ready to use.

Grease Guns Lever Type

<table>
<thead>
<tr>
<th>Model</th>
<th>Lube Capacity</th>
<th>Extension</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>1142“</td>
<td>16oz. Bulk/14.5oz. Cartridge</td>
<td>5853</td>
<td>213/4“</td>
</tr>
<tr>
<td>1148“</td>
<td>16oz. Bulk/14.5oz. Cartridge</td>
<td>5853</td>
<td>213/4“</td>
</tr>
<tr>
<td>1147“</td>
<td>16oz. Bulk/14.5oz. Cartridge</td>
<td>71518 18” Hose &amp; 5852 coupler</td>
<td>213/4“</td>
</tr>
</tbody>
</table>

Specifications: Output 1oz. per 33 strokes using No. 1 grease at 70°F. Barrel diameter 21/4”. *Follower set for cartridge use. **Follower set for bulk loading.

Grease Guns Pistol Grip

<table>
<thead>
<tr>
<th>Model</th>
<th>Lube Capacity</th>
<th>Extension</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>1133“</td>
<td>16oz. Bulk/14.5oz. Cartridge</td>
<td>71518 18” Flex Hose &amp; 5852 coupler</td>
<td>15 1/2“</td>
</tr>
<tr>
<td>1132“</td>
<td>16oz. Bulk/14.5oz. Cartridge</td>
<td>67020 6” Straight Pipe &amp; 5852 coupler</td>
<td>15 1/2“</td>
</tr>
<tr>
<td>1134“</td>
<td>16oz. Bulk/14.5oz. Cartridge</td>
<td>18” Flex Hose, 4” Straight Pipe &amp; Coupler</td>
<td>15 1/2“</td>
</tr>
</tbody>
</table>

Specifications: Output 1oz. per 33 strokes using No. 1 grease at 70°F. Barrel diameter 21/4”. *Follower set for cartridge use.
Air-Operated

Model 1163 PowerLuber

Fully automatic grease gun. New motor design provides outstanding durability and excellent grease flow.

- New purge valve design eliminates trapped air
- Full automatic operation—cycles continuously when trigger is pulled
- Low operational noise
- CE certified, patent pending
- 18" high-pressure flex hose (Model 1218)
- 40:1 air motor capable of 6000 psi. Air operating range 40-150 psi
- Three-way loading with optional 91108 filler nipple
- 6000 psi maximum pressure; outlet opening 7/16" UNEF

Dual-Pressure

Model 1013 and 1145

- High or low pressure for light- or heavy-duty greasing action
- Full pressure on short strokes for heavy greasing in tight places; develops full pressure with just 1/4" stroke
- Extension swivels 360° for hard-to-reach fittings.
- Plated barrel, head and handle
- Handy three-way loading: cartridge, filler pump or bulk
- Grease resistant rubber handle grip for positive pumping action

Precision High-Pressure and Volume

Model 1035 & 1037

- Exclusive toggle mechanism design uses compound leverage for high-pressure pumping with little effort
- Rust resistant plated gun barrel and handle, black enamel head.
- Equipped with filler nipple for fast refill from Lincoln filler pump
- 21 oz. bulk capacity for heavy-duty greasing applications

Load Pin in Rear Position for High-Output Delivery

With handle in REAR (lo) shift position, grease is delivered at low pressure (maximum 6000 psi) with strokes from 1/4" to 12". Output 1 ounce per 18 full strokes.

Load Pin in Front Position for High-Pressure Delivery

With handle in FRONT (hi) shift position, grease is delivered at high pressure (maximum 7000 psi) with strokes from 1/4" to 9". Output 1 ounce per 33 full strokes.

### Dual-Pressure

<table>
<thead>
<tr>
<th>Model</th>
<th>Lube Capacity</th>
<th>Extension</th>
<th>Length</th>
<th>Max. Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>1013</td>
<td>16oz. Bulk/14.5oz. Cartridge</td>
<td>5853</td>
<td>22 7/8&quot;</td>
<td>7000/6000 psi</td>
</tr>
<tr>
<td>1145</td>
<td>21oz. Bulk/14.5oz. Cartridge</td>
<td>5853</td>
<td>25 1/4&quot;</td>
<td>7000/6000 psi</td>
</tr>
</tbody>
</table>

Specifications: Output at low pressure 1 oz. per 18 strokes; at high pressure 1 oz. per 33 strokes using No. 1 cup grease at 70°F. Barrel diameter 2 1/4".

### High-Pressure

<table>
<thead>
<tr>
<th>Model</th>
<th>Lube Capacity</th>
<th>Extension</th>
<th>Length</th>
<th>Max. Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>1035</td>
<td>21oz. bulk/14.5 oz. Cartridge</td>
<td>5834</td>
<td>27 1/4&quot;</td>
<td>7000 psi</td>
</tr>
</tbody>
</table>

Specifications: Lubricant output 1 oz. per 25 strokes using No. 1 cup grease at 70°F. Barrel diameter 2 1/4".

### Volume

<table>
<thead>
<tr>
<th>Model</th>
<th>Lube Capacity</th>
<th>Extension</th>
<th>Length</th>
<th>Max. Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>1037</td>
<td>21oz. bulk/14.5 oz. Cartridge</td>
<td>5834</td>
<td>27 1/4&quot;</td>
<td>3000 psi</td>
</tr>
</tbody>
</table>

Specifications: Lubricant output 1 oz. per 9 strokes using No. 1 cup grease at 70°F. Barrel diameter 2 1/4".
**Extensions for Manually- or Air-Operated Grease Guns**

Maximum working pressure 4500 psi. Strategically placed coil spring provides non-slip, push-pull grip and prevents accidental “kinking” which could cause hose ruptures.

<table>
<thead>
<tr>
<th>Model</th>
<th>Length</th>
<th>Thread Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>5812</td>
<td>12&quot;</td>
<td>1/8&quot; NPT(m)</td>
</tr>
<tr>
<td>5818</td>
<td>18&quot;</td>
<td>1/8&quot; NPT(m)</td>
</tr>
<tr>
<td>5861</td>
<td>36&quot;</td>
<td>1/8&quot; NPT(m)</td>
</tr>
</tbody>
</table>

**Extensions for Manually-Operated Grease Guns**

Maximum working pressure 3000 psi.

**Manually-Operated—Packaged**

<table>
<thead>
<tr>
<th>Model</th>
<th>Length</th>
<th>Thread Size</th>
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</thead>
<tbody>
<tr>
<td>71512</td>
<td>12&quot;</td>
<td>1/8&quot; NPT(m)</td>
</tr>
<tr>
<td>71518</td>
<td>18&quot;</td>
<td>1/8&quot; NPT(m)</td>
</tr>
</tbody>
</table>

**Manually-Operated—Bulk (Unpackaged)**

<table>
<thead>
<tr>
<th>Model</th>
<th>Length</th>
<th>Thread Size</th>
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</thead>
<tbody>
<tr>
<td>75912CL</td>
<td>12&quot;</td>
<td>1/8&quot; NPT(m)</td>
</tr>
<tr>
<td>75918CL</td>
<td>18&quot;</td>
<td>1/8&quot; NPT(m)</td>
</tr>
<tr>
<td>75924CL</td>
<td>24&quot;</td>
<td>1/8&quot; NPT(m)</td>
</tr>
<tr>
<td>75936CL</td>
<td>36&quot;</td>
<td>1/8&quot; NPT(m)</td>
</tr>
</tbody>
</table>

**PowerLuber® Whip Hoses**

Attaches with 7/16" UNEF fitting; 1/8" NPT(m) outlet. Working pressure 7500 psi (517 bar). For use with 14.4-volt, 12-volt, 7.2-volt and Model 1163 PowerLubers.

<table>
<thead>
<tr>
<th>Model</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>1218</td>
<td>18&quot;</td>
</tr>
<tr>
<td>1224</td>
<td>24&quot;</td>
</tr>
<tr>
<td>1230</td>
<td>30&quot;</td>
</tr>
<tr>
<td>1236</td>
<td>36&quot;</td>
</tr>
</tbody>
</table>

**Assemblies for Standard Hydraulic Fittings**

Maximum working pressure 4500 psi.

<table>
<thead>
<tr>
<th>Model</th>
<th>Whip Hose</th>
<th>Coupler</th>
<th>Thread Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>81725</td>
<td>5818/18&quot;</td>
<td>5845</td>
<td>1/8&quot; NPT(m)</td>
</tr>
<tr>
<td>81726</td>
<td>5812/12&quot;</td>
<td>5845</td>
<td>1/8&quot; NPT(m)</td>
</tr>
<tr>
<td>81795*</td>
<td>5812/12&quot;</td>
<td>5845</td>
<td>1/8&quot; NPT(m)</td>
</tr>
</tbody>
</table>

*Includes 81980 locking sleeve.

**Assemblies for Button-Head Couplers with Swivel**

Maximum working pressure 4000 psi. Includes 81606 swivel.

<table>
<thead>
<tr>
<th>Model</th>
<th>Whip Hose</th>
<th>Coupler</th>
<th>Thread Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>3029</td>
<td>5812/12&quot;</td>
<td>80933/large</td>
<td>1/8&quot; NPT(m)</td>
</tr>
<tr>
<td>3034</td>
<td>5812/12&quot;</td>
<td>81458/standard</td>
<td>1/8&quot; NPT(m)</td>
</tr>
</tbody>
</table>

**Flexible & Rigid Extension Adapter**

**Model 5858**

Maximum working pressure 5000 psi. Allows operator to switch from flexible to rigid extension with one hand. Overall length 13". 1/8" NPT(m).
Hydraulic Couplers

Model 5852
- For all hydraulic-type grease fittings.
- Small outside diameter permits easy contact with recessed fittings.
- Replaceable hardened steel jaws.
- Built-in ball check prevents leak and lubricant backup.
- Inlet 1/8" NPT(f).

Hydraulic Coupler Displays

Model 5852
One hydraulic coupler in a resealable clamshell.

Model 5852-2
Two hydraulic couplers in the same clamshell as the 5852.

Model 5852-5
Contains five couplers; reduces cost per unit.

Model 5852-54
Contains 54 couplers in a displayable box; best value.

Model 5845 Heavy-Duty
- 7500 psi maximum operating pressure.
- Same as 5852 except 1/8" outside diameter.

Model 5848 Adapter
- 7500 psi maximum operating pressure.
- Built-in swivel allows full 360° circle.
- Locks in any one of eight 45° positions.
- Adjustable coupler section permits contact with fittings in reverse positions.
- Angle body has 1/8" NPT(f) inlet permits addition of pipe extension when required.

Special Access Coupler

Model 5883 90° Grease Coupler
- Provides access to difficult to reach fittings.
- Allows for easy lubrication in tight areas.

WARNING

MATERIAL USE: Lincoln swivels are to be used only to transport grease, oil and other lubricants and are designed only for these non-abrasive and non-corrosive purposes. Do not use with abrasive and corrosive materials such as sound-deadening materials which may contain limestone and mica particles. Transport of such materials causes rapid premature wear to critical swivel components and can cause failure of swivel. Failure could expose the user to severe bodily injury, permanent disfigurement or death.

INSTALLATION & SERVICE: Tighten all fluid connections securely before using swivel. Never exceed 7500 psi maximum operating pressure. Never alter or modify any part of the swivel. Never attempt to repair or disassemble the swivel while the system is pressurized. Never stop or deflect leaks with hand or body.

MEDICAL ATTENTION: Get medical attention immediately if exposed to high-pressure fluids. Tell the attending physician what was injected.
Lubrication Tools and Equipment
Grease Accessories

**Button-Head Couplers & Adapters**

**Model 80933**
4000 psi maximum operating pressure. For pull-on, push-on or hook-on service. Use with large 7/8” diameter button-head fittings. July 16”-27(f) thread.

**Model 81458**
Same as 80933 except for 5/8” diameter button-head fittings.

**Model 10460**
5000 psi maximum operating pressure. For adapting standard or large button-head couplers to hose with 1/8” NPT connections. 1/8” NPT(f) x 7/16”-27 (m) thread. Use gasket 31138, not included.

**Model 10536**
4500 psi maximum operating pressure. For adapting standard or large button-head couplers to hose with 3/8” NPT connections. 3/8” NPT(f) x 7/16”-27 (m) thread. Use gasket 31138, not included.

**Coupler Extensions**

**Model 5834**
7500 psi maximum operating pressure. Includes 5845 coupler and 62028 6” extension tube. 1/8” NPT(m) connection.

**Model 5853**
6000 psi maximum operating pressure. Includes 5852 hydraulic coupler and 62028 6” extension tube. 1/8” NPT(m) connection.

**Rigid Extensions**

**Model 62028**
6” length. 800 psi Maximum operating pressure. Tough, heavy-wall seamless steel tubing. 1/8” NPT(m) at each end.

**Model 62061**
Same as 62028 except 12” length.

**Model 62117**
Same as 62028 except 18” length.

**Model 5884**
Contains the 5883 90° grease coupler plus a quick-connect coupler for fast access to hard-to-reach lube points.

**Extensions Adapters**

**Model 5859 Angle**
- 90°-angle solves problem of contacting so-called “inaccessible” grease fittings.
- Design eliminates need to remove from “deep dish” wheels for lubrication of the tie rod ends and ball joints.
- Use to service cars, truck, machines and farm equipment.

**Model 5855 Recessed**
Straight extension. Use to lubricate recessed fittings where obstructions will not permit use of hydraulic coupler. Includes extension nozzle and locking sleeve.

**Model 81980 Locking Sleeve**
For adapting any 1/8” NPT(m) extension nozzle to a hydraulic coupler.

**Model 5849 360 Degree**
7500 psi maximum operating pressure. Includes 5848 360° coupler for full swivel, 2” steel extension tube and locking sleeve.

**Needle Nozzles**

**Model 5803**
Allows operator to contact flush-type or hard-to-reach hydraulic-type fittings.

**Model 5806**
Same as 5803 except 6” length.

**Model 82784**
Same as 5803 except with extension and locking sleeve.

**Model 83278**
Use to lubricate U-joints and spindles. Attaches to hydraulic coupler of control valve or grease gun. Includes rubber tip.

**Extension Kit**

**Model 58000**
Heavy-duty lube accessory kit contains quick-connect versions of seven of Lincoln’s most popular lube accessories. Use with all standard grease guns and dispensing devices.

**WARNING**

Never point needle nozzles, adapters or coupler at any part of the body or another person.
**Packaged Fittings–U.S. Threads**

All the most popular fittings and sizes

**Model 5468 Mini**
Ten assorted grease fittings in three popular sizes, blister packed on one card.

**Assortment Contents**

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>1/4&quot;-28 straight</td>
</tr>
<tr>
<td>2</td>
<td>1/4&quot;-28 45°</td>
</tr>
<tr>
<td>2</td>
<td>1/4&quot;-28 90°</td>
</tr>
</tbody>
</table>

**Model 5470 Economy**
24 assorted grease fittings in six popular sizes blister packed on one card.

**Assortment Contents**

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>1/8&quot; NPT straight</td>
</tr>
<tr>
<td>6</td>
<td>1/4&quot;-28 straight, short thread</td>
</tr>
<tr>
<td>3</td>
<td>1/8&quot; NPT 45° angle, short thread</td>
</tr>
<tr>
<td>3</td>
<td>1/4&quot;-28 45° angle, short thread</td>
</tr>
<tr>
<td>3</td>
<td>1/8&quot; NPT 90° angle</td>
</tr>
<tr>
<td>3</td>
<td>1/4&quot;-28 90° angle, short thread</td>
</tr>
</tbody>
</table>

**Model 5469 Deluxe**
100 assorted grease fittings in six popular sizes. Sturdy, easy to handle transparent dispenser box has labeled and illustrated compartments.

**Assortment Contents**

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>1/8&quot; NPT straight</td>
</tr>
<tr>
<td>40</td>
<td>1/4&quot;-28 straight, short thread</td>
</tr>
<tr>
<td>10</td>
<td>1/8&quot;-28 45° angle, short thread</td>
</tr>
<tr>
<td>10</td>
<td>1/8&quot; NPT 65° angle</td>
</tr>
<tr>
<td>10</td>
<td>1/8&quot; NPT 90° angle</td>
</tr>
<tr>
<td>10</td>
<td>1/4&quot;-28 90° angle, short thread</td>
</tr>
</tbody>
</table>

**1/4"-28 Taper Thread Packs**

**Short Thread Grease**

**Model** | **Description**
---|---
5191 | Card of (10) straight fittings
5291 | Card of (10) 45° angle fittings
5491 | Card of (10) 90° angle fittings

**1/8" Pipe Thread Packs**

**Grease Fittings**

**Model** | **Description**
---|---
5190 | Card of (10) straight fittings
5290 | Card of (10) 45° angle fittings
5490 | Card of (10) 90° angle fittings

**Packaged Fittings–Metric Threads**

All the most popular fittings and sizes

**Model 5184 Mini**
An assortment of three of the most used 6mm sizes and configurations blister packed on one card.

**Assortment Contents**

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>6mm straight</td>
</tr>
<tr>
<td>2</td>
<td>6mm 45°</td>
</tr>
<tr>
<td>2</td>
<td>6mm 90°</td>
</tr>
</tbody>
</table>

**Model 5185 Economy**
30 grease fittings in three of the most popular 6mm metric sizes blister packed on one convenient card.

**Assortment Contents**

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>6mm straight</td>
</tr>
<tr>
<td>6</td>
<td>6mm 45°</td>
</tr>
<tr>
<td>8</td>
<td>6mm 90°</td>
</tr>
</tbody>
</table>

**Model 5186 Deluxe**
100 assorted grease fittings in all the most popular metric sizes. Sturdy, easy to handle dispenser box has labeled and illustrated compartments.

**Assortment Contents**

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>40</td>
<td>6mm straight</td>
</tr>
<tr>
<td>20</td>
<td>6mm 45°</td>
</tr>
<tr>
<td>10</td>
<td>6mm 90°</td>
</tr>
<tr>
<td>5</td>
<td>8mm straight</td>
</tr>
<tr>
<td>5</td>
<td>8mm 45°</td>
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<td>8mm 90°</td>
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<tr>
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<tr>
<td>5</td>
<td>10mm 45°</td>
</tr>
<tr>
<td>5</td>
<td>10mm 90°</td>
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### 1/8" NPT

<table>
<thead>
<tr>
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<th>Bulk No.</th>
<th>Description</th>
<th>Length</th>
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<tbody>
<tr>
<td>5000C</td>
<td>5000</td>
<td>Straight</td>
<td>2 1/32&quot;</td>
</tr>
<tr>
<td>5003C</td>
<td>5003</td>
<td>Straight</td>
<td>1 1/4&quot;</td>
</tr>
<tr>
<td>5200C</td>
<td>5200</td>
<td>45° angle</td>
<td>7/8&quot;</td>
</tr>
<tr>
<td>5300C</td>
<td>5300</td>
<td>65° angle</td>
<td>29/32&quot;</td>
</tr>
<tr>
<td>5400C</td>
<td>5400</td>
<td>90° angle</td>
<td>27/32&quot;</td>
</tr>
</tbody>
</table>

### 1/4" NPT

<table>
<thead>
<tr>
<th>100 Pc. Box No.</th>
<th>Bulk No.</th>
<th>Description</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>5050C</td>
<td>5050</td>
<td>Straight 1/4&quot; NPT</td>
<td>15/16&quot;</td>
</tr>
<tr>
<td>5350C</td>
<td>5350</td>
<td>65° angle 1/4&quot; NPT</td>
<td>1 5/32&quot;</td>
</tr>
</tbody>
</table>

### 1/4"-28 SAE

<table>
<thead>
<tr>
<th>100 Pc. Box No.</th>
<th>Bulk No.</th>
<th>Description</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>5010C</td>
<td>5010</td>
<td>Straight–short thread</td>
<td>1/2&quot;</td>
</tr>
<tr>
<td>5013C</td>
<td>5013</td>
<td>Straight–long thread</td>
<td>1 11/16&quot;</td>
</tr>
<tr>
<td>5527C</td>
<td>5527</td>
<td>Straight–short thread</td>
<td>31/64&quot;</td>
</tr>
<tr>
<td>5210C</td>
<td>5210</td>
<td>45° angle–short thread</td>
<td>7/8&quot;</td>
</tr>
<tr>
<td>5410C</td>
<td>5410</td>
<td>90° angle–short thread</td>
<td>25/32&quot;</td>
</tr>
</tbody>
</table>

### Metric

<table>
<thead>
<tr>
<th>100 Pc. Box No.</th>
<th>Bulk No.</th>
<th>Description</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>5175C</td>
<td>5175</td>
<td>Straight</td>
<td>6mm</td>
</tr>
<tr>
<td>5176C</td>
<td>5176</td>
<td>45°</td>
<td>6mm</td>
</tr>
<tr>
<td>5177C</td>
<td>5177</td>
<td>90°</td>
<td>6mm</td>
</tr>
<tr>
<td>5178C</td>
<td>5178</td>
<td>Straight</td>
<td>8mm</td>
</tr>
<tr>
<td>5179C</td>
<td>5179</td>
<td>45°</td>
<td>8mm</td>
</tr>
<tr>
<td>5180C</td>
<td>5180</td>
<td>90°</td>
<td>8mm</td>
</tr>
<tr>
<td>5181C</td>
<td>5181</td>
<td>Straight</td>
<td>10mm</td>
</tr>
<tr>
<td>5182C</td>
<td>5182</td>
<td>45°</td>
<td>10mm</td>
</tr>
<tr>
<td>5183C</td>
<td>5183</td>
<td>90°</td>
<td>10mm</td>
</tr>
</tbody>
</table>

### Button-Head

<table>
<thead>
<tr>
<th>100 Pc. Box No.</th>
<th>Bulk No.</th>
<th>Description</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>5701C</td>
<td>5701</td>
<td>1/8” NPT(m) thread</td>
<td>25/32&quot;</td>
</tr>
<tr>
<td>5706C</td>
<td>5706</td>
<td>1/4” NPT(m) thread</td>
<td>53/64&quot;</td>
</tr>
</tbody>
</table>

### Drive Type

<table>
<thead>
<tr>
<th>100 Pc. Box No.</th>
<th>Bulk No.</th>
<th>Description</th>
<th>Length</th>
<th>Drive Dia.</th>
</tr>
</thead>
<tbody>
<tr>
<td>5033C</td>
<td>5033</td>
<td>Straight</td>
<td>9/16&quot;</td>
<td>3/16&quot;</td>
</tr>
<tr>
<td>5385C</td>
<td>5385</td>
<td>65° angle</td>
<td>13/16&quot;</td>
<td>3/16&quot;</td>
</tr>
<tr>
<td></td>
<td>5318</td>
<td>65° angle</td>
<td>49/64&quot;</td>
<td>1/4&quot;</td>
</tr>
<tr>
<td>5031C</td>
<td>5031</td>
<td>Straight</td>
<td>37/64&quot;</td>
<td>5/16&quot;</td>
</tr>
</tbody>
</table>

**IMPORTANT ORDERING INFORMATION**

To order **BULK FITTINGS**: specify exact quantity desired. Product will arrive in one package containing that quantity.

To order **100 PC. BOXED FITTINGS**: specify exact quantity of boxes desired. Product will arrive in boxes containing 100 fittings each.
**Metric Thread Adapters**

Convert any 1/4”-28 thread grease fitting to metric thread.

**Metric Thread Adapters**

<table>
<thead>
<tr>
<th>Model</th>
<th>Thread</th>
</tr>
</thead>
<tbody>
<tr>
<td>103307E</td>
<td>6mm x 1/4”-28 (f)</td>
</tr>
<tr>
<td>103308E</td>
<td>8mm x 1/4”-28 (f)</td>
</tr>
<tr>
<td>103309E</td>
<td>10mm x 1/4”-28 (f)</td>
</tr>
</tbody>
</table>

**Fitting Bushings & Angle Bodies**

**Bushings & Angle Bodies**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>10461</td>
<td>Hex bushing</td>
<td>1/8” NPT(f) x 1/4” NPT(m)</td>
</tr>
<tr>
<td>10787</td>
<td>Face bushing</td>
<td>1/8” NPT(f) x 1/4” NPT(m)</td>
</tr>
<tr>
<td>20028</td>
<td>45° angle body</td>
<td>1/8” NPT(f) x 1/8” NPT(m)</td>
</tr>
<tr>
<td>20029</td>
<td>90° angle body</td>
<td>1/8” NPT(f) x 1/8” NPT(m)</td>
</tr>
<tr>
<td>20026</td>
<td>90° angle body</td>
<td>1/4”-28 (m) x 1/8” NPT(f)</td>
</tr>
</tbody>
</table>

**Easy-Out Tools**

A combination tool used to remove worn or broken fittings and to retap holes for installation of new fittings. Tool has socket wrenches for removing both straight and angle fittings. May also be used to remove old pin-type fittings.

**Model 66953**

For tapping 1/4”-28 threads and removal of both 3/8” and 5/16” hex. straight or angle fittings.

**Model 90776**

For tapping 1/8” NPT threads and removal of 7/16” hex. straight or angle fittings.

**Fitting Drive Tools**

**Model 11485**

Use to install straight Drive-Type Fittings only.

**Model 11509**

Use to install angle Drive-Type Fittings only.

**Special Access Coupler**

**Model 5883 90° Grease Coupler**

- Provides access to difficult-to-reach fittings.
- Allows for easy lubrication in tight areas.
**Lincoln Bearing Packers**

Flush and pack in one operation eliminating inefficient washing and messy hand packing.

**Model 224**

Universal Bearing Packer forces out old grease while evenly injecting fresh grease. Pack bearing up to 4 1/2" I.D. Connects to standard grease coupler.

**Model 816**

Services bearings with 5/8" to 11/2" I.D. This versatile, compact unit mounts on work-bench or wall. Bearing is flushed and packed by contacting fitting in packer head with power gun control valve or by high-pressure hand gun. Overall dimension: 4 1/2" high, 4" wide.

**Model 102891**

Bearing packer head only; for bench mounting or attachment to any Lincoln air operated economy, Series 20 or Series 40 grease pump. Services bearings 1 3/4" to 9 1/2" O.D. with minimum I.D. of 9/16". Accepts grease through fitting from high-pressure control valve or hand gun. For bench mount use 1/2" pipe flange.

**Model 844**

Services bearings to 9 1/2" O.D. with minimum 9/16" I.D. Includes adapters to service bearings from 1" to 1 3/4" O.D. For use with 120 lb. original refinery container. Includes 84780 universal follower. *Specifications:* Maximum pressure 800 psi. One ounce per stroke. *Finish:* Drum cover in red enamel, pump head and handle in black. *Dimensions:* Overall height 41 7/8" with standard 120 lb. drum.

**Model 102697 Super Speed Packer**


**Model 102929**

Same as 102697 except has larger packer head to service bearing to 9 1/2" O.D. with minimum 9/16" I.D. Includes adapter to permit servicing smaller bearings of 1" to 1 3/4" O.D. Includes 91393 follower plate.