



Grease Fittings

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- Zerks. *See* Grease Fittings

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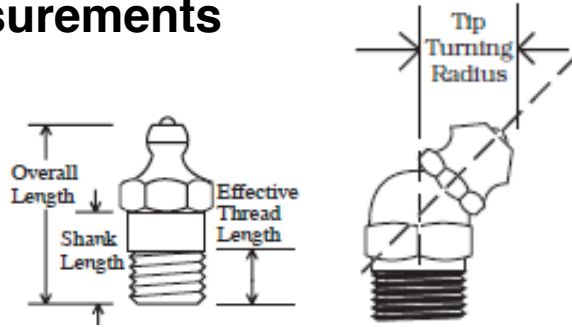
Grease Fittings V01

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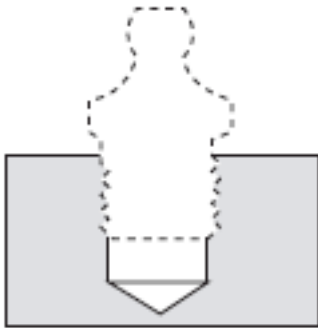
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Fitting Measurements

Fittings listed on these pages are shown approximately actual size with the complete dimensional data as indicated at right.

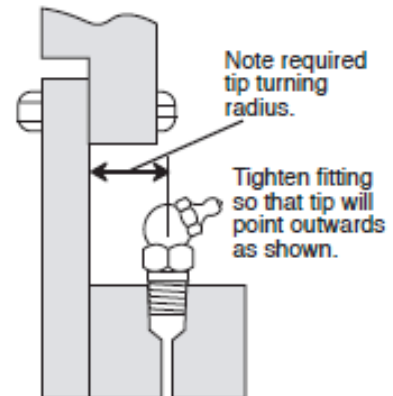
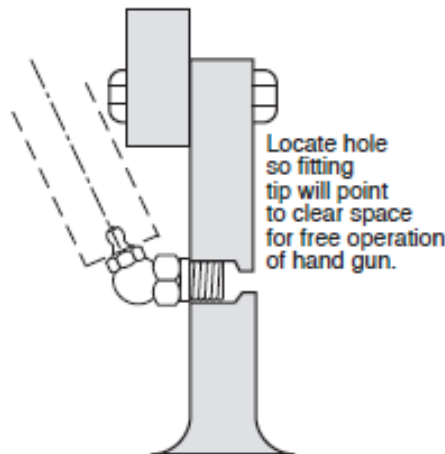
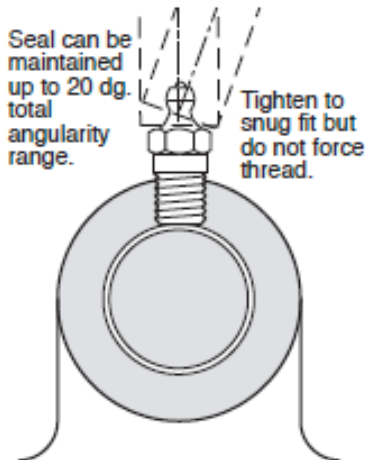


Select Proper Drills & Taps From This Table



Thread (tap) Size	1/8" Pipe Thread	1/4"-28 Straight or Taper Thread
Drill Size	11/32" (For soft metal use "R" drill)	#3 (For soft metal use #5 drill)

Installation



IMPORTANT - The tips of all fittings should be positioned to permit a clear space in a straight line away from fitting for free operation of a hand gun or control valve (seal can be maintained up to 20° total angularity range).

1. Select the proper angle or straight fitting to provide for proper clearance.
2. Be careful in positioning fittings in sub-assemblies to avoid interference from parts of other assemblies.

It is essential that all holes be accurately tapped so that fittings do not have to be screwed in too tight.

1. If original fittings are screwed in too far, the holes will become overly enlarged and service replacements will be difficult.
2. Overtightening, also, can easily strip the threads in soft alloyed metals frequently encountered. Accurate threads and moderate tightening will ensure a leakproof joint.



Grease Fitting Assortments

IBS Inc. SPECIALTY PRODUCTS FOR MAINTENANCE & REPAIR					
Grease Fittings					
Assortment No. 124R					
1641-B 1/4-28 TAPER TRD STRT ZERK	1652-B 1/4-28 TAPER TRD 11/16 ZERK	1680-B 1/4-28 TAPER TRD 31/32 STRT	1637-B 1/4-28 TAPER TRD 45 DGR ZERK	1911-B 1/4-28 TAPER TRD. 90 DGR ZERK	1610-B 1/8 NPT STRT ZERK
1644-B 1/8 NPT SHORT STRT. ZERK	1607-B 1/8 NPT 1-1/4L STRT ZERK	1611-B 1/8 NPT 90DGR STRT ZERK	1688-B 1/8 NPT 45 DGR ZERK	1613-B 1/8 NPT 90DGR ZERK	1629-B 1/4 NPT 67-1/2 DGR ZERK
1743-B 1/4 DRIVE ZERK BALL CHECK	1608-B 5/16 DRIVE ZERK BALL CHECK	1728-B 3/16 DRIVE ZERK BALL CHECK	1666-NB 3/8 DRIVE ZERK	1646-B 3/16 45DGR DRIVE ZERK	
1711-B 5/16-24 ZERK (LEAF SPRINGS)	1720-B 1/8 NPT STRT THREAD CUTTING	3038-B 1/4-28 NPT STRT THREAD CUTTING	5251 RUBBER ZERK CAP		

English Standard
IBS No. 124R 21 Items — 180 pcs

IBS Inc. SPECIALTY PRODUCTS FOR MAINTENANCE & REPAIR					
Grease Fittings					
Assortment No. 228R					
1641-B 1/4-28 TAPER TRD STRT ZERK	1652-B 1/4-28 TAPER TRD 11/16 ZERK	1637-B 1/4-28 TAPER TRD 45 DGR ZERK	1911-B 1/4-28 TAPER TRD. 90 DGR ZERK		17850-1F 18' LUB. HOSE
1610-B 1/8 NPT STRT ZERK	1688-B 1/8 NPT 45 DGR ZERK	1613-B 1/8 NPT 90DGR ZERK			
1608-B 5/16 DRIVE ZERK BALL CHECK	1728-B 3/16 DRIVE ZERK BALL CHECK				
5251 RUBBER ZERK CAP				308730 1/8 NPT GREASE FITTING COUPLER	

English Standard
IBS No. 225R 12 Items — 178 pcs

IBS Inc. SPECIALTY PRODUCTS FOR MAINTENANCE & REPAIR					
Metric Grease Fittings					
Assortment No. 232R					
Z-1600 6MM X 1.0 STRT METRIC ZERK	Z-1621 6MM X 1.0 45DGR METRIC ZERK	Z-1690 6MM X 1.0 90DGR METRIC ZERK			
Z-2103 8MM X 1.0 STRT METRIC ZERK	Z-2104 8MM X 1.0 45DGR METRIC ZERK	Z-2105 8MM X 1.0 90DGR METRIC ZERK			
Z-2109 10MM X 1.0 STRT. METRIC ZERKS	Z-2110 10MM X 1.0 45DGR METRIC ZERK	Z-2111 10MM X 1.0 90DGR METRIC ZERK			
5251 RUBBER ZERK CAP					

Metric
IBS No. 232R 10 Items - 175 pcs

GREASE FITTINGS





IBS, INCORPORATED

Grease Fittings V01

Hydraulic Lubrication Fittings

1/8" Pipe Thread

- Positive seal.
- Thick wall construction.
- Made of high grade steel, case hardened and zinc plated to provide resistance to nicks, corrosion and wear.
- With high pressure ball check, unless otherwise specified.



1610-B
Straight
Qty : 25



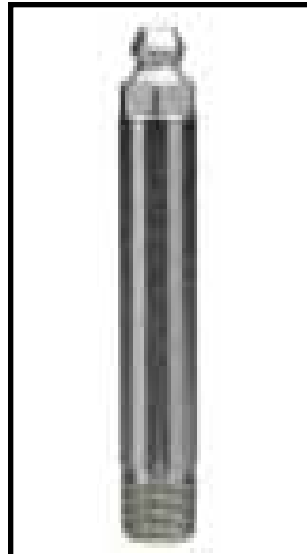
1644-B
Short
Straight
Qty : 25



1607-B
1-1/4" Long
Straight
Qty : 25



1669-B
1-3/4" Long
Straight
Qty : 10



1684-B
2-5/8" Long
Straight
Qty : 10

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Hydraulic Lubrication Fittings

1/8" Pipe Thread



1638-B
30°
2-3/32"
Qty: 10



1611-B
30°
Qty : 25



1688-B
45°
Qty : 25



1612-B
65°
Qty : 25



1613-B
90°
Qty: 25



1618-B
Female
Straight
Qty: 25

1/4" Pipe Thread

- Recommended for heavy lubricants in cold weather.
- Typical application: Large bearings on farm machinery and industrial equipment.



1627-B
Straight
Qty : 10



1629-B
67.5°
Qty : 10

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IBS, INCORPORATED

Grease Fittings V01

Hydraulic Lubrication Fittings

1/4"-28 Taper Thread

- **Conforms to Society of Automotive Engineers (SAE) lubrication thread specification.**
- **Their small thread size make these fittings very popular for most cars and trucks.**



1641-B
Tapered Thread
Straight
Qty : 25



1652-B
Tapered Thread
Straight
Qty: 25



1680-B
Tapered Thread
31/32" Straight
Qty : 25



1636-B
45°
Short
Qty : 25



1637-B
Tapered Thread
45°
Qty : 25



1911-B
Tapered Thread
90°
Qty : 25



5251
Qty. 25

Rubber Zerk Cap

These rubber caps easily slip on and off grease fittings to provide protection against dirt, rocks, chemicals and impact from other sources. Reusable.

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Thread Forming Fittings

- **Special tapered drive threads** reshape the material in an untapped hole to provide a leak-proof seal.
- **Most effectively installed** by spinning into an untapped hole but may also be driven straight into an untapped hole.
- **May be replaced** by any standard threaded fitting.
- **Dyed red** for identification.



1/8" Pipe Special Taper Thread
Rec. Hole Size - .373 to .380"

1720-B
Straight
Thread-Cutting
Qty : 25



1/4"-28 Special Taper Thread
Rec. Hole Size - .230 to .235"

3038-B
Straight
Thread-Cutting
Qty : 25

Special Thread

- **Leaf springs.**
- **5/16"-24 UNF - 2A.**



1711-B
Qty : 25



Hydraulic Lubrication Fittings

Drive Fittings

- **Serrated shank grips** securely and simplifies the replacement of damaged fittings in old or oversize holes.
- **Recommended for low and medium pressures only.**
- **Indicated drill sizes are for guidance only.** Actual drill size will vary depending on metal hardness. Exact drill size can only be determined by sample drilling of the actual metal. When drilled to proper tolerance the serrated edge of the fitting will provide a secure, lasting grip.



3019-NB
1/8" Straight
No Ball Check
Qty : 25



1728-B
3/16" Straight
Ball Check
Qty : 25



1646-B
3/16" 45°
Qty : 25



1743-B
1/4" Straight
Ball Check
Qty : 25



1608-B
5/16" Straight
Ball Check
Qty : 25



1666-NB
3/8" Straight
No Ball Check
Qty : 25

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Hydraulic Lubrication Fittings

Metric Thread

6mm x 1mm (pitch) Taper Metric Thread



8mm x 1mm (pitch) Metric Taper Thread



10mm x 1mm (pitch) Taper Metric Thread





IBS, INCORPORATED

Grease Fittings V01

LockNLube Coupler

The Industrial Grease Coupler That
Locks into Fittings!
IBS No. 5855



The LockNLube Coupler has a unique sliding sleeve, activated by a thumb lever. The sleeve either locks on to the zerk fitting or releases the jaws from the zerk. When the jaws are locked on to the zerk, a leak-proof seal is created. Hands free operation — no need to align or hold the coupler in place while greasing. The locked connection is positive and rigid, preventing the coupler from coming loose and breaking the leak-proof seal. If a fitting becomes pressurized, just depress the thumb lever and release the coupler. With no leaks, the grease goes in and not on the machine, and the bearings get the grease they need.

- Works with all grease gun brands & types: pneumatic, manual, and electric.
- Works on all DIN & SAE zerk.
- Fits 1/8" NPT thread.
- No need to hold while greasing. Lock on and free up both hands to operate the grease gun. Depress trigger to release, even under pressure.
- Durable nitrile rubber seal and hardened spring steel jaws are resilient under high pressure.
- Check valve to reduce leakage

Hydraulic Couplers

- Provides quick, positive leak-proof connection with hydraulic fittings.
- Grease pressure forces 3 hardened steel jaws against fitting.



308730

Swivel Coupler

- Coupler swivels a full 360°.
- Locks in any of eight positions.
- Ideal for engaging out-of-the way fittings.
- Use 1/8" NPTF pipe extension to connect coupler to gun outlet.
- Narrow diameter coupler.
- Rubber seal.
- Length 4".



6509-E

Lincoln Grease Fitting Coupler

- 6,000 psi maximum operating pressure
- For all hydraulic grease fittings
- Small outside diameter permits easy contact with recessed fittings
- Replaceable hardened steel jaws
- Built in ball check prevents leak and lubricant back up.



5852

IBS No	Type	Thread	Qty
308730	Narrow	1/8" NPTF	5
6509-E	Swivel	1/8" NPTF	1
5852	Lincoln	1/8" NPTF	1

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Hydraulic Fitting Tools

Drive Tools For Straight and Angle-type Drive Fittings

IBS No.	For Drive Fittings
5253	1666-NB, 1743B, 3019NB
5253-1	1608-B, 1743B
5253-3	1728B



5253

Easy-Out Fitting Tools

Extract broken fittings, rethread holes and install fittings with one tool.

IBS No.	For Fittings w/ Thread
B315790	1/4"-28 Taper Thread
B315791	1/8" n.p.t.



B315790



B315791

Tools Sold In Quantities of One



08-15-11

"The mark of our quality is in our service"

Medium Duty Grease Guns

IBS No. 500HD

- Develops pressure up to 10,000 psi.
- Automatic variable pressure.
- Delivery: 1 oz. per 21 strokes.
- Air vent fitting.
- Vinyl grip.
- Deluxe pull handle with heavy-duty rivets & positive stop.
- Heavy-duty one-piece head.
- Three-way loading - loader fitting included.



500HD

IBS No. 525HD

- Three-way loading - loader fitting included.
- 4500/3000 psi.
- Automatic variable pressure.
- Delivery - 1 oz. per 33, 16 strokes.
- Air vent fitting.
- Vinyl grip.
- Deluxe pull handle with heavy duty rivets.
- Heavy duty one-piece head.



525HD

IBS No. 25704

- Heavy duty aluminum cast head.
- Pistol grip action for one handed operation.
- Locking plunger for safe easy loading.
- Cast aluminum T-Handle for non-slip grip.



25704

GREASE GUNS SOLD IN QUANTITIES OF ONE

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Flexible Lubricator Extension Hose

For Lever and Screw-type Hand Guns

- End connections are 1/8" NPTF (m).
- Maximum working pressure : 4800 psi.
- Minimum burst pressure : 12,000 psi.



317850-1

IBS No.	Length	Qty
317850-1	12"	1
317850-1F	18"	1



317850-1F



IBS, INCORPORATED

Grease Fittings V01

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