

Grease Guns

Grease Gun Accessories

Pumps & Pump Accessories

General

Grease Nipples & Accessories

LUBRICATION





LUBRICATION

GREASE GUNS

- Toledo offers a comprehensive range of grease guns to cover a wide range of markets including Agricultural, Automotive, Construction, Industrial, Mining, Marine, DIY and Hardware
- Some Toledo grease guns feature multiple grease loading capabilities; Cartridge, Suction/Hand fill and/or Filler pump. Correct loading and troubleshooting procedures are detailed at the back of this section to maximise the performance of the gun

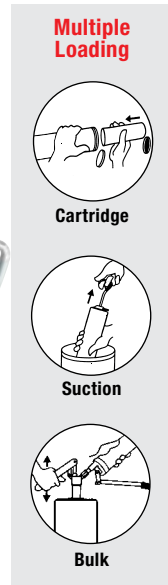
Lever Action Grease Guns

- Popular gun for general purpose lubrication in automotive, agricultural, industrial and DIY applications
- Drop resistant steel head construction
- Air release either through loader fitting on the grease gun head or half turn of the head assembly
- Soft rubber grip on lever handle for comfortable operation
- Durable powder coated finish

Output: 1g per stroke (1oz per 28 strokes)
Pressure: 41,300 kPa (6,000 PSI, 413 Bar)



Part No.	Description	Cartridge Capacity	Bulk Capacity	Thread
305102	Comes with steel extension 150mm (6") & 4 jaw coupler	400g	500cm ³	1/8" BSPT
305217	Comes with steel extension 150mm (6") & 4 jaw coupler	450g	650cm ³	1/8" BSPT
305218	Comes with flexible hose 300mm (12") & 4 jaw coupler	450g	650cm ³	1/8" BSPT
Part No. (Spare)				
305233	Steel extension - 150mm (6")	-	-	1/8" BSPT
305234	Flexible hose - 300mm (12")	-	-	1/8" BSPT
305231	Hydraulic coupler - 4 jaw	-	-	1/8" BSPT
305051	Bulk loading filler nipple	-	-	1/8" BSPT



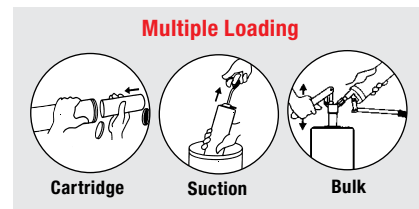
Lever Action Grease Guns Heavy Duty

- Top of the range lever action gun designed for hard, on-going and demanding everyday use
- Suitable for automotive, agricultural, construction and industrial applications
- Variable stroke feature built-in for use in confined spaces
- Built strong with robust barrel, heavy duty follower spring and large rolled threads for fast and easy reloading

Output: 1g per stroke (1oz per 28 strokes)
Pressure: 69,000 kPa (10,000 PSI, 690 Bar)



Part No.	Description	Cartridge Capacity	Bulk Capacity	Thread
305098	Comes with steel extension 150mm (6") & 4 jaw coupler	400g	500cm ³	1/8" BSPT
305219	Comes with steel extension 150mm (6"), flexible hose (300mm/12") & 4 jaw coupler	450g	650cm ³	1/8" BSPT
Part No. (Spare)				
305233	Steel extension - 150mm (6")	-	-	1/8" BSPT
305234	Flexible hose - 300mm (12")	-	-	1/8" BSPT
305232	Hydraulic coupler - 4 jaw heavy duty	-	-	1/8" BSPT
305051	Bulk loading filler nipple	-	-	1/8" BSPT
305050	Air release valve	-	-	1/8" BSPT





Pistol Grease Gun Heavy Duty

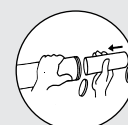
- Suitable for automotive, agricultural, construction and industrial applications
- Most popular one hand operated grease gun designed for use in confined spaces or where access to grease nipple is restricted
- Heavy duty aluminium die cast head and extra strong pistol grip handle
- Pistol handle is specially designed to prevent fingers from “pinching”
- Built strong with robust barrel, heavy duty follower spring and large rolled threads for fast and easy reloading

Output: 0.5g per stroke (1oz per 57 strokes)

Pressure: 34,500 kPa (5,000 PSI, 345 Bar)



Multiple Loading



Cartridge



Suction

Part No.	Description	Cartridge Capacity	Bulk Capacity	Thread
305099	Comes with steel extension 150mm (6”), flexible hose 300mm (12”) & 4 jaw coupler	400g	500cm ³	1/8” BSPT
305221	Comes with steel extension 100mm (4”), flexible hose 300mm (12”) & 4 jaw coupler	450g	650cm ³	1/8” BSPT
Part No. (Spare)				
305357	Steel extension - 100mm (4”)	–	–	1/8” BSPT
305233	Steel extension - 150mm (6”)	–	–	1/8” BSPT
305234	Flexible hose - 100mm (12”)	–	–	1/8” BSPT
305231	Hydraulic coupler - 4 jaw	–	–	1/8” BSPT

Pistol Grease Gun Professional

- Suitable for automotive, agricultural, construction and industrial applications
- Ergonomic one hand operation grease gun
- Unique variable stroke mechanism for both high volume and high pressure applications. High volume for faster greasing and high pressure for use in cold weather and for unblocking work
- Change in stroke achieved through simple press of the movable handle
- Solid 11mm diameter piston for more grease per stroke
- Robust aluminium die cast head with bulk filler
- Rolled cylinder threads offer maximum strength

Output: 0.84g per stroke (1oz per 34 strokes)

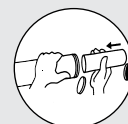
Pressure: 48,250 kPa (7,000 PSI, 480 Bar)



Push lever inwards to release lock

Lift or lower the adjustment lever to switch between high pressure and high volume

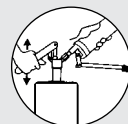
Multiple Loading



Cartridge



Suction



Bulk

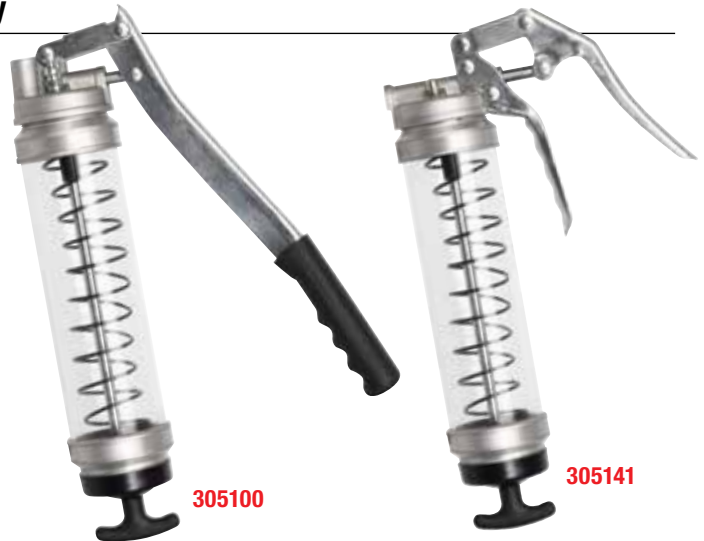
Part No.	Description	Cartridge Capacity	Bulk Capacity	Thread
305385	Comes with flexible hose 300mm (12”) & 4 jaw coupler	450g	650cm ³	1/8” BSPT
Part No. (Spare)				
305234	Flexible hose - 100mm (12”)	–	–	1/8” BSPT
305231	Hydraulic coupler - 4 jaw	–	–	1/8” BSPT




LUBRICATION

Clear Canister Grease Guns Heavy Duty

- Cross contamination accounts for between 60–80% of bearing failures. This can lead to expensive repairs and significant down time
- Prevent cross contamination by using clear canister grease guns to enable easy grease identification
- Easily identify both contents and amount remaining
- Pinpoint if air pockets exist and where they are
- High tolerance aluminium die cast head fitted with bulk loader and air release valve
- Extra strong polycarbonate tube with die cast aluminium adaptors
- Variable stroke function





Perfect addition to any lubrication programme

- ✓ Proper identification of grease
- ✓ Eliminates cross-contamination
- ✓ Visibility of air pockets
- ✓ Visibility to remaining grease
- ✓ Eliminates risk of mixing greases

Lever

Output: 1g per stroke (1oz per 28 strokes)

Pressure: 69,000 kPa (10,000 PSI, 690 Bar)

Pistol

Output: 0.50g per stroke (1oz per 57 strokes)

Pressure: 34,500 kPa (5,000 PSI, 345 Bar)

Part No.	Description	Cartridge Capacity	Bulk Capacity	Thread
305140	Lever - comes with steel extension 150mm (6") & 4 jaw coupler	400g	500cm ³	1/8" BSPT
305100	Lever - comes with steel extension 150mm (6") & 4 jaw coupler	450g	650cm ³	1/8" BSPT
305141	Pistol - comes with steel extension 100mm (4"), flexible hose (300mm/12") & 4 jaw coupler	400g	500cm ³	1/8" BSPT
305101	Pistol - comes with steel extension 100mm (4"), flexible hose (300mm/12") & 4 jaw coupler	450g	650cm ³	1/8" BSPT
Part No. (Spare)				
305233	Steel extension - 150mm (6")	-	-	1/8" BSPT
305234	Flexible hose - 300mm (12")	-	-	1/8" BSPT
305231	Hydraulic coupler - 4 jaw	-	-	1/8" BSPT
305051	Bulk loading filler nipple	-	-	1/8" BSPT

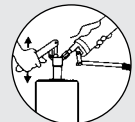
Multiple Loading



Cartridge



Suction



Bulk

Mini Lever Grease Gun

- Mini lever grease gun with die cast grease gun head
- Compact tool box size unit

Output: 0.55g per stroke (1oz per 52 strokes)

Pressure: 41000 kPa (6000 PSI, 413 BAR)



Part No.	Description	Cartridge Capacity	Bulk Capacity	Thread
305444	Comes with steel extension 150mm (6") & 4 jaw coupler	85g	120cm ³	1/8" BSPT
Part No. (Spare)				
305233	Steel extension - 150mm (6")	-	-	1/8" BSPT
305231	Hydraulic coupler - 4 jaw	-	-	1/8" BSPT

Multiple Loading



Cartridge



Suction



Mini Pistol Grease Gun

- Single hand operated pistol grip grease gun with convenient pull type operating mechanism
- Textured powder coated finish for non-slip grip

Output: 0.4g per stroke (1oz per 71 strokes)

Pressure: 24,000 kPa (3,500 PSI, 240 Bar)



Aluminium die cast head has two output ports



Top port used commonly with flexible hose for greasing hard to reach areas

Multiple Loading



Cartridge



Suction

Part No.	Description	Cartridge Capacity	Bulk Capacity	Thread
305222	Comes with steel extension 100mm (4") & 4 jaw coupler	85g	120cm ³	1/8" BSPT
Part No. (Spare)				
305357	Steel extension - 100mm (4")	-	-	1/8" BSPT
305234	Flexible hose - 300mm (12")	-	-	1/8" BSPT
305231	Hydraulic coupler - 4 jaw	-	-	1/8" BSPT

Air Operated Grease Gun Intermittent Action

- Intermittent operation, a single shot of grease is discharged with every press of the trigger
- Air operating range: 300–800 kPa (40 to 120 PSI, 3 to 8 Bar)
- Air compressor volume: 1 cfm/0.026m³ and above

Output: 0.9g per shot (1oz per 32 shots)

Pressure Ratio: 40:1

Ergonomic pistol grip and acute angle design allows ease of operation in narrow spaces

Heavy duty aluminium die cast head with internal bore precision honed for rapid action, head casting fitted with bulk loader valve



Air inlet threaded 1/4" NPT



Multiple Loading



Cartridge



Suction



Bulk

Part No.	Description	Cartridge Capacity	Bulk Capacity	Thread
305223	Comes with flexible hose 300mm (12") & 4 jaw coupler	450g	650cm ³	1/8" BSPT
Part No. (Spare)				
305233	Steel extension - 150mm (6")	-	-	1/8" BSPT
305234	Flexible hose - 300mm (12")	-	-	1/8" BSPT
305232	Hydraulic coupler - 4 jaw heavy duty	-	-	1/8" BSPT
305051	Bulk loading filler nipple	-	-	1/8" BSPT



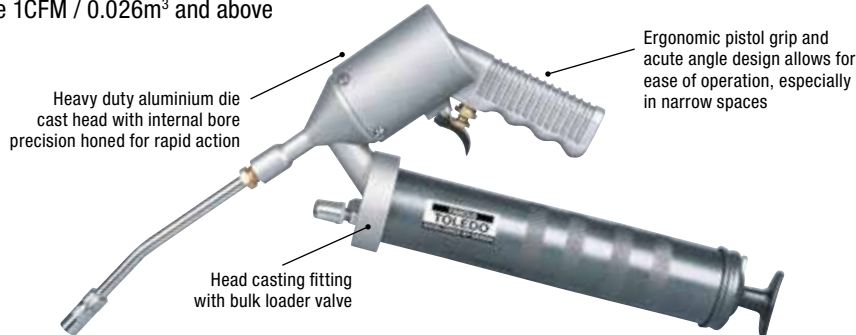
LUBRICATION

Air Operated Grease Gun Continuous Action

- Automatic action, continuous grease discharge with the trigger pressed
- Ideal for use in factory maintenance, agricultural applications, fleet service or trucks connected to vehicle air brake compressors
- Air operating range 300-800 kPa (40 to 120 PSI, 3 to 8 bar)
- Air compressor volume 1CFM / 0.026m³ and above
- Pressure Ratio: 40:1



Air inlet threaded 1/4" NPT



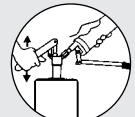
Multiple Loading



Cartridge



Suction



Bulk

Part No.	Description	Cartridge Capacity	Bulk Capacity	Thread
305041	Comes with steel extension 150mm (6") & nozzle	450g	650cm ³	1/8" BSPT
Part No. (Spare)				
305233	Steel extension - 150mm (6")	-	-	1/8" BSPT
305234	Flexible hose - 300mm (12")	-	-	1/8" BSPT
305232	Hydraulic coupler - 4 jaw heavy duty	-	-	1/8" BSPT
305051	Bulk loading filler nipple	-	-	1/8" BSPT

305028

Mini Grease Gun

- Ideal for greasing in hard to reach areas in model planes, toys, fishing reels, automotive and marine parts
- Supplied with grease tube



Part No. (Spare)	Description
305029	Replacement grease tube

Push Type Grease Gun

- For use with bulk grease only
- Black powder coated finish
- Complete with universal connector that adapts to most grease fittings
- Can be used with hydraulic coupler

Output: 0.9g per shot (1oz per 32 shots)

Pressure: 6,900 kPa (1,000 PSI, 69 Bar)



Part No.	Description	Bulk Capacity
305224	Comes with universal connector	125cm ³
Part No. (Spare)		
305231	Hydraulic coupler - 4 jaw	-



GREASE GUN INFORMATION & TROUBLESHOOTING

Grease Gun Plunger Reassembly

IMPORTANT: For bulk (suction/hand/filler pump) applications, the rubber plunger of the Toledo grease gun must be assembled such that the hollow portion of the rubber plunger faces the gun head, whereas for cartridge applications, the tapered rubber plunger must face the gun head.

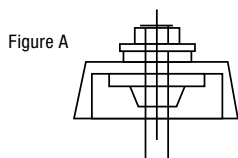


Figure A

Figure A shows the position of the plunger assembly when using the gun with cartridge

Figure B

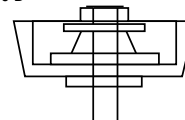
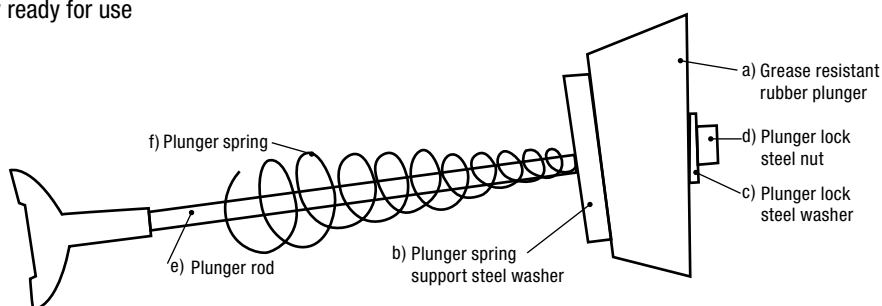


Figure B shows top view of plunger assembly for use with bulk grease

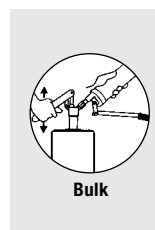
Reassembly of the plunger

1. Unscrew the grease gun head
2. Hold the grease gun barrel securely, in a vice or other locking mechanism. If no mechanism is available place the gun barrel upright on a workbench with the plunger rod handle on the work bench and the barrel open end facing vertically upwards and take help from a colleague to hold the gun straight
3. Use a spanner to unscrew the nut (d). At the same time press the rubber plunger (a) in the downward direction, using two fingers
4. Be careful, as removing the nut (d) would cause the rubber plunger assembly to be pushed outwards with pressure, due to compression of the plunger spring (f)
5. Having removed the nut (d) and washer (c); also remove the rubber plunger out from the plunger rod. The rubber plunger is seated on a plunger spring support steel washer (b), remove this washer as well
6. Plunger spring (f) will also come out of the barrel as a result (as it was sitting inside under a compressive force)
7. Now insert the plunger spring (f) back into the barrel and slide the steel washer (b) over the plunger rod, such that it sits on the plunger spring (f)
8. Slide the rubber plunger (a) over the plunger rod. For cartridge applications, the tapered end of the rubber plunger should be facing upwards, whereas for bulk fill applications, the hollow end of the rubber plunger should be facing upwards (towards the open end of the gun barrel). Insert the steel washer (c) over the plunger and screw the nut (d) onto the plunger rod. Tighten the nut using a spanner
9. The gun barrel is now ready for use



Grease Loading – Filler Pump

1. For grease guns fitted with a bulk loader valve, a filler pump can be used to bulk fill the gun. Ensure the bulk loader valve is compatible for use with your filler pump. There are several bulk loader designs and every design may not be compatible with your filler pump. If the valve is not compatible with your filler pump, replace the loader valve on the gun with one that works with your filler pump
2. Wipe the bulk loader valve fitted on the gun to remove any dirt or grime etc.
3. Operate the filler pump until grease begins to flow. Pump may need priming to start flow of grease
4. Turn the gun upside down and insert the bulk loader valve on the grease gun head onto the female discharge point on the filler pump. Begin operating the filler pump. Ensure the connection between the grease gun and pump is tight and there is no leakage. Pressure required to operate the filler pump will continue to increase as the gun continues to fill. The number of strokes required to completely fill the grease gun will vary from one pump to another





LUBRICATION

Grease Loading – Filler Pump Continued

5. Once the gun is completely full it will become almost impossible to pump in any more grease – this is the signal to stop. Disconnect the grease gun head from the filler pump,
6. Unscrew the grease gun head partially, 2-3 times
7. Start operating the grease gun until grease begins to flow. The first few strokes may have grease with air bubbles. Continuous flow of grease is very important to ensure that all trapped air from grease is removed. Until this is achieved you may need to push the plunger rod in and out repeatedly to encourage the exit of trapped air. The air will escape between the barrel and head as it is not in the full locked position
8. Once a consistent flow of grease is achieved fully tighten the head the further 3 or so turns until it is firmly closed
9. Assemble the grease gun extension with coupler and fasten onto the grease gun outlet. Use a thread sealant such as Teflon tape to make the connection leak proof, make sure both the connection of the extension with the grease gun head and the opposing end with the coupler are leak proof
10. Tighten the extension onto the gun outlet, but do not use undue pressure as it may result in excessive stress on the gun head causing it to fracture. Simply hand tighten followed by a wrench to turn it further two more times. Do not be concerned if the threads on the extension are not completely engulfed into the gun head as they are tapered threaded they are not designed to go all the way in but rather stop mid-way to form a leak proof connection
11. The gun is ready to use

Grease Loading - Cartridge, Hand & Suction Fill

1. Unscrew grease gun barrel from head
2. Pull the plunger rod all the way back by using the plunger rod handle. The grease gun will feature either a notch in the plunger rod which fits onto the end cap when the rod is fully extended or a lock lever mechanism which locks the plunger rod at any position. In models with the lock lever mechanism, it is important to ensure the plunger rod is fully extended back, to ensure enough space to fit the cartridge or maximise space for bulk grease
3. **Grease Cartridge Loading:** Take grease cartridge and remove plastic cap from the end which needs to be inserted into the gun. Ensure the open end of the canister is inserted into the gun and not the end with the seal tab (follow arrows and markings on the cartridge). Ensure the grease cartridge is seated well with the rim resting on the barrel of the gun and remove the metal pull tab from the cartridge
Hand Fill: Use a scooper to scoop out grease from the grease drum and proceed to fill the grease into the grease gun
Suction Fill: Insert the open end of the grease gun barrel into the grease bucket until its around 50mm deep into the grease. Begin to pull the plunger rod back, using the plunger rod handle, in order to draw and suck in the grease
4. Return the gun head by screwing back onto the barrel. Do not over tighten. Generally aim to tighten until 3 full turns remain before its fully tightened
5. Disconnect the plunger rod from the end cap. For models with a notch in the plunger rod, slightly pull the plunger back and tilt it slightly to disconnect from the end cap. For models with a lock lever mechanism, pull back the plunger rod slightly and press the lock lever mechanism
6. Start operating the grease gun until grease begins to flow. The first few strokes may have grease with air bubbles. Continuous flow of grease is very important to ensure that all trapped air from grease is removed. Until this is achieved you may need to push the plunger rod in and out repeatedly to encourage the exit of trapped air. The air will escape between the barrel and head as it is not in the full locked position
7. Once a consistent flow of grease is achieved fully tighten the head the further 3 or so turns until it is firmly closed
8. Assemble the grease gun extension with coupler and fasten onto the grease gun outlet. Use a thread sealant such as Teflon tape to make the connection leak proof, make sure both the connection of the extension with the grease gun head and the opposing end with the coupler are leak proof
9. Tighten the extension onto the gun outlet, but do not use undue pressure as it may result in excessive stress on the gun head causing it to fracture. Simply hand tighten followed by a wrench to turn it further two more times. Do not be concerned if the threads on the extension are not completely engulfed into the gun head as they are tapered threaded they are not designed to go all the way in but rather stop mid-way to form a leak proof connection
10. The gun is ready to use

Multiple Loading



Cartridge



Suction

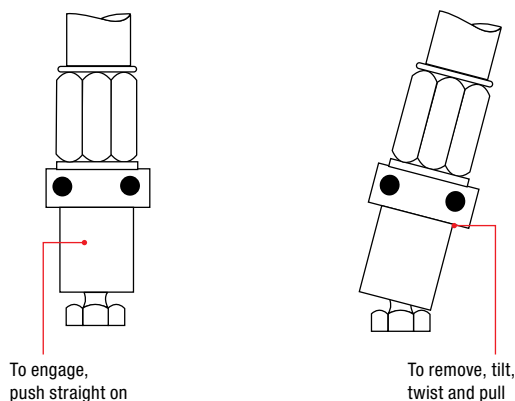


Greasing a Grease Fitting/Nipple

The grease coupler provided at the end of the grease gun has a jaw type construction. The coupler jaws will snap onto a grease fitting and maintain a tight fit.

When connecting the coupler to the grease fitting, press the coupler straight onto the grease fitting to form a snug fit. Start operating the grease gun with the coupler as square to the grease fitting as possible.

Once greasing is completed, slightly tilt the coupler, twist and pull back. The tilt and twist action will allow easy removal of the coupler from the grease fitting.



Grease Gun Operation - Troubleshooting

Issue	Cause	Solution
Gun pumps little or no grease	Trapped air pockets in the grease	Correctly prime the gun. Unscrew gun head a few turns but not completely and move plunger rod in and out to encourage air to escape while also using the air bleeder valve
	Thickened grease due to cold weather	Warm up gun by placing it in close proximity to a heat source
	Extension is blocked	Remove extension and clean blockage
	Air release valve is damaged	Gun will require repair. Send back to stockist
	Rubber follower did not enter the grease cartridge	Where possible use plastic body cartridges which have a firm edge as compared to paper cartridges. Manoeuvre the plunger rod to get the follower to go inside the cartridge
	Rubber plunger stuck in cartridge or barrel	Check condition of cartridge and replace if damaged. Ensure plunger is set up for cartridge correct operation bulk or cartridge fill. Reassemble plunger if necessary. Refer to page 316.
Grease leakage past the rubber plunger	Incorrect plunger assembly	Reassemble plunger to correct way for either bulk or cartridge. Refer to page 315.
Grease leakage from the back of the gun	Damaged rubber follower causing grease bypass	Replace rubber follower
	Very thin grease, possibly mixed with some oil	Use thicker NLGI grade 2 grease
Grease leakage from the gun nozzle or extensions	Worn or damaged threads	Replace damaged components and use a sealant such as Teflon taper over the extension threads
Movable handle cannot be operated	Seizure of the pistol assembly due to severe fail of the grease gun	New gun required
Grease coupler getting stuck on a grease fitting	Out of spec grease fitting or damaged coupler jaws	Tilt the coupler, twist and pull back



GREASE GUN ACCESSORIES

Bearing Packers

- Useful for bearings in cars, boats, trailers, 4WD's etc.
- Rugged steel construction

305230

Bearing Packer Threaded Centre

- Bearing packer with threaded centre post for use with grease guns
- Design incorporates grease nipple at one end, which easily adapts to the grease gun coupler
- Suitable for regular greasing applications as well as in conjunction with a flexible hose
- **Bearing range:** 12mm (1/2") I.D. to 125mm (5") O.D. by 6mm (1/4") to 50mm (2") height



305097

Bearing Packer Rapid Action

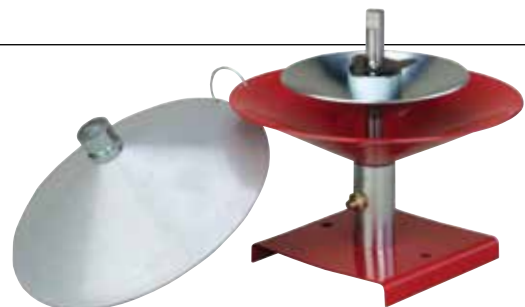
- Rapid action bearing packer for use with grease gun filler pump
- Non threaded top cone for fast placement of bearings
- Outer shaft is threaded 1/4" NPT (F) and fits onto the outlet discharge tube of the grease filler pump
- **Bearing range:** 12mm (1/2") I.D. to 125mm (5") O.D. by 10mm (3/8") to 50mm (2") height



305096

Bearing Packer Rapid Action Bench Type

- Rapid action bench type bearing packer for use with grease guns
- Non threaded top cone for fast placement of bearings
- Design incorporates grease nipple on the outer shaft, which easily adapts to the grease coupler
- **Bearing range:** 12mm (1/2") I.D. to 125mm (5") O.D. by 10mm (3/8") to 50mm (2") height

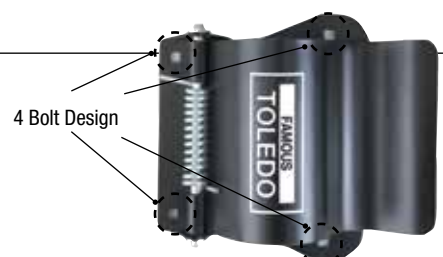


Warning: Always use recommended grade of grease. Some grades of grease cannot handle temperatures of wheel bearing applications. Do not use compressed air for cleaning the bearing prior to use with the bearing packer. This is unsafe and could damage the bearing race.

305001

Grease Gun Holder

- Heavy duty grease gun holder suitable for automotive, industrial, construction and farm applications
- Sturdy all steel construction with four bolt mounting suitable for workshop or mobile van or trailer
- Suitable for most 400g and 450g grease guns with body diameters from 57–63.5 mm





305505

Grease Gun Light

- An extremely useful mini accessory for use with almost all grease guns
- Attaches onto both grease gun steel extensions and flexible hoses and makes it easy to locate grease fittings in dark areas and other hard to reach points
- Allows technician to monitor the process to ensure that the grease fitting is not over lubricated
- Slim construction with a very powerful LED with plastic bracket assembly
- Includes three LR41 button cell batteries



Plastic clamp conveniently fits onto both steel extension and flexible hose

Flexible Grease Hoses Heavy Duty

- **For hand operated grease guns only**
- Superior construction - inner tubing is polyamide with polyurethane sheathing, reinforced diagonally in highly tear resistant polyester
- Heavy duty zinc plated end connections hydraulically crimped to the hose
- Rolled threads for extra strength
- **Diameters:** Inner - 4.1mm (0.16"), Outer - 10.8mm (0.425")
- **Pressures:** Working pressure 40,000 kPa (5,800 PSI, 400 Bar)
Burst pressure 95,000 kPa (13,775 PSI, 950 Bar)



Part No.	Description	Overall Length	Thread
305234	Flexible heavy duty grease hose	300mm (12")	1/8" BSPT
305235	Flexible heavy duty grease hose	450mm (18")	1/8" BSPT
305236	Flexible heavy duty grease hose	500mm (20")	1/8" BSPT

Rigid Steel Extensions

- **For hand operated grease guns only**
- Steel construction with zinc plated finish
- Rolled threads on both ends for strength
- **Pressure:** 41,300kPa (6,000 PSI, 413 Bar)

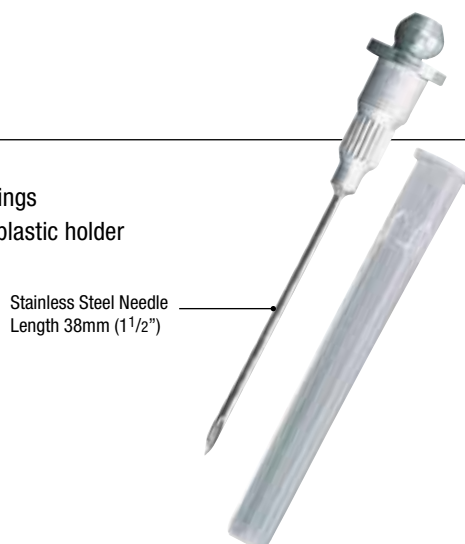


Part No.	Description	Overall Length	Thread
305233	Rigid steel extension bent type	150mm (6")	1/8" BSPT
305357	Rigid steel extension straight type	100mm (4")	1/8" BSPT

Grease Injector Needles

- **For hand operated grease guns only**
- Lubricates in very tight spaces such as universal joints and sealed bearings
- Comes with standard grease fitting (without ball check) and protective plastic holder

Part No.	Description	Needle Thickness
305237	Grease injector needle	18 gauge
305238	Grease injector needle	21 gauge



Stainless Steel Needle Length 38mm (1 1/2")



LUBRICATION

Hydraulic Couplers 4 Jaw

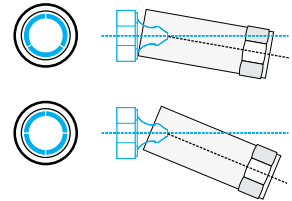
- Heat treated, fully hardened spring steel jaws for longer service life
- Incorporates a spring loaded ball check mechanism which helps retain pressure



305231 Coupler:
Hardened body withstands high pressures without deformation. Hexagonal nut allows easy tightening

305232 HD Coupler:
Hardened body with double wall thickness withstands very high pressures without deformation. Hexagonal nut allows easy tightening

Advantage:
4 jaws allow greater working angle



Part No.	Description	Thread	Pressure
305231	Hydraulic coupler - 4 jaw (hand operated)	1/8" BSPT	42,300 kPa (6,000 PSI, 423 Bar)
305232	Hydraulic coupler - 4 jaw heavy duty (hand & air operated)	1/8" BSPT	69,000 kPa (10,000 PSI, 690 Bar)
305360	Pack of ten - 4 jaw hydraulic couplers (305231)	1/8" BSPT	42,300 kPa (6,000 PSI, 423 Bar)

Needle Nose Dispensers

- For hand operated grease guns only
- Needle design allows flush contact on hard to reach fittings
- Special model available with shroud
- For use with steel extensions or hoses to dispense a fine line of grease

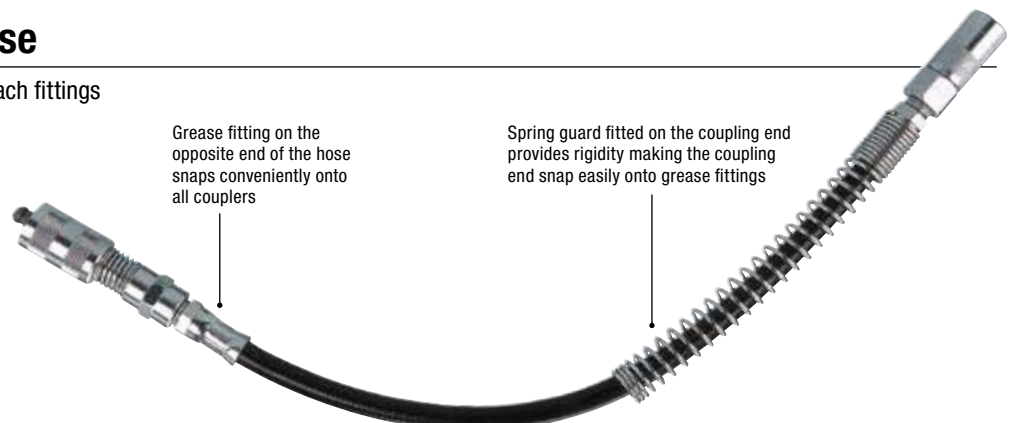
Part No.	Description	Length	Diameter	Tip Diameter	Thread
305239	Needle nose dispenser	15mm (19/32")	5.56mm (0.219")	1.17mm (0.046")	1/8" BSPT
305240	Needle nose dispenser	38mm (1 1/2")	3.96mm (0.156")	1.17mm (0.046")	1/8" BSPT
305241	Needle nose dispenser	150mm (6")	3.96mm (0.156")	1.17mm (0.046")	1/8" BSPT
305242	Complete with shroud	15mm (19/32")	5.56mm (0.219")	1.17mm (0.046")	1/8" BSPT
305243	Spare shroud				1/8" BSPT



305244

Quick Connect Hose

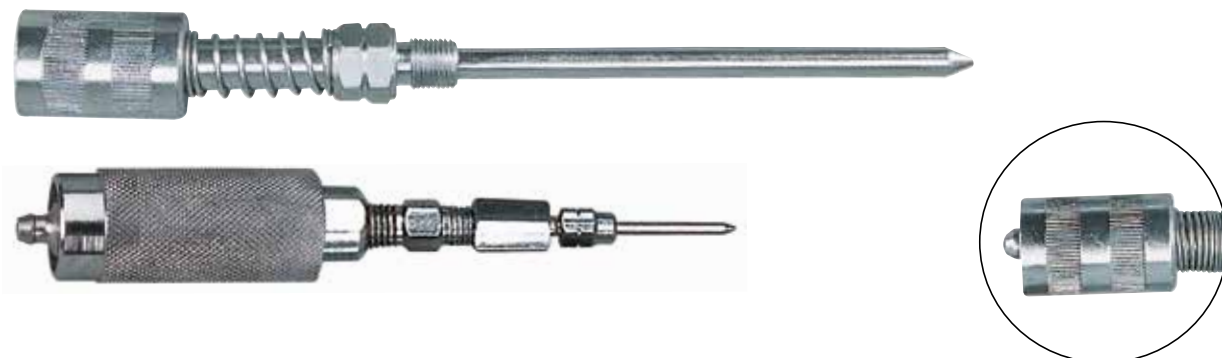
- Useful for greasing hard to reach fittings
- Overall length: 410mm (16")





Needle Nose Adaptors Quick Connect

- Used to dispense a fine line of grease
- Professional narrow needle design for greasing flush or hard to reach hydraulic type fittings in inaccessible areas
- **Tip diameter:** 1.16mm (0.046")



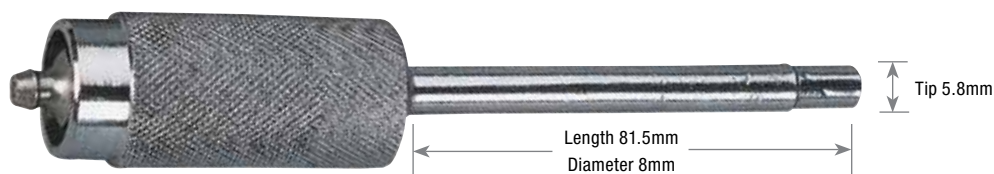
Supplied with a small and a large locking sleeve to fit all couplers

Part No.	Description	Needle Length	Needle Diameter
305246	Needle nose adaptor	100mm (4")	6.4mm (0.25")
305247	Needle nose adaptor	38mm (1 1/2")	4mm (0.156")

305245

Recessed Lube Adaptor Quick Connect

- For push on greasing of recessed fittings where regular hydraulic couplers cannot be used



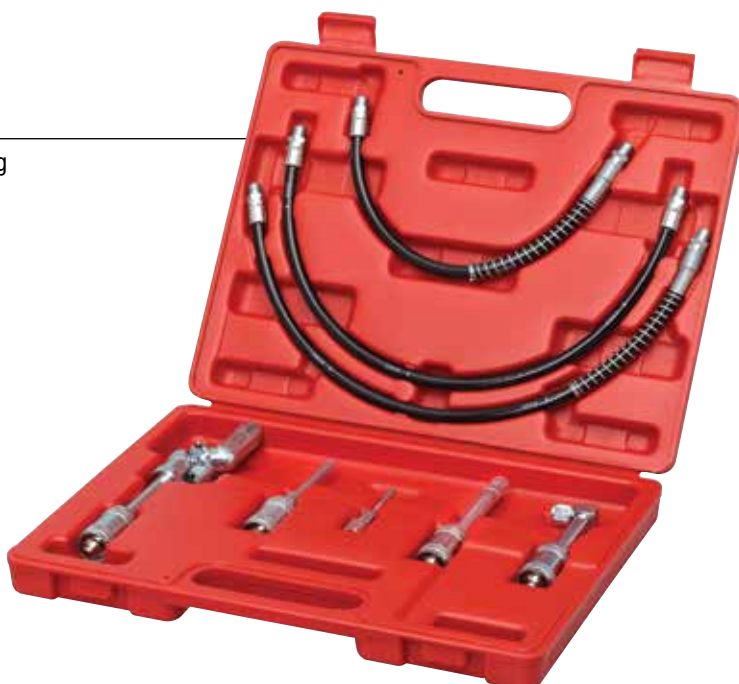
305030

Greasing Accessory Kit

- Complete 8 piece kit of adaptors for all lubrication servicing

Contents

Part No.	Description
305031	Needle nose grease dispenser
305032	Extension coupler
305033	Angle lube adaptor
305034	Lockable swivel coupler
305035	Grease hose 500mm
305036	Grease hose with spring 500mm
305037	Grease hose 300mm
305038	Needle nozzle





PUMPS & PUMP ACCESSORIES

Bucket Greaser Lever Action

- Designed for high volume, high pressure applications such as earth moving and agricultural equipment, where rapid volume greasing is required
- Pump constructed from heavy-duty cast iron for consistent high pressure greasing and includes valve for air bleeding
- Includes spring loaded steel follower plate for removing air pockets from grease
- Comes complete with 10kg (22lb) in built steel grease bucket to enable use with varying sized buckets

Output: 4g per stroke (1oz in 7 strokes)

Pressure: 27,500 kPa (4,000 PSI, 275 Bar)



Part No.	Description
305220	Comes with 2m high pressure rubber hose fitted with steel connector and coupler
Part No. (Spare)	
305233	Rigid steel extension bent type
305379	Ball check hydraulic coupler

Suction Gun

- Designed to transfer gear oils in and out of gear boxes, transfer cases and differentials
- Lip seal provides maximum suction
- Powder coated, textured steel barrel for firm grip
- No priming required
- Suitable for use with non-corrosive liquids

Part No.	Description	Capacity
305227	Comes with 300mm (12") flexible vinyl hose	500ml
Part No. (Spare)		
305228	Spare hose	-



Single piece aluminium die cast head for leak proof operation

Transfer Gun

- Suitable for use with a variety of liquids such as fuel oils, mineral oils, synthetic and biological oils, petrol, cooling liquids, antifreeze, spirits, brake fluids etc
- The suction head incorporates two ball valves for efficient operation
- Allows transfer of liquids from one container to another in a single stroke
- No need to touch or store fluids making it a safe and clean device

Part No.	Description	Capacity
305229	Comes with 2 x 600mm (24") flexible vinyl hoses	350ml
Part No. (Spare)		
305358	Spare hose	-



Gun body is made from aluminium alloy with aluminium die cast suction head



305386

Diaphragm Pump Kit

- Hand operated pump, designed to work in any position
- Constructed from minimal parts, the pump is virtually maintenance free
- Pump handle can be fitted in any position which makes installation easy
- Operating fluid temperature range -10°C to +40°C
- Recommended uses: water, sea water, diesel, kerosene, gasoline, mineral oils, heating oils, synthetic oils, engine oils, antifreeze, emulsions and liquids with small bodies in suspension
- Pump only available - Part No. 305387

Output: 25 litres per minute



Contents

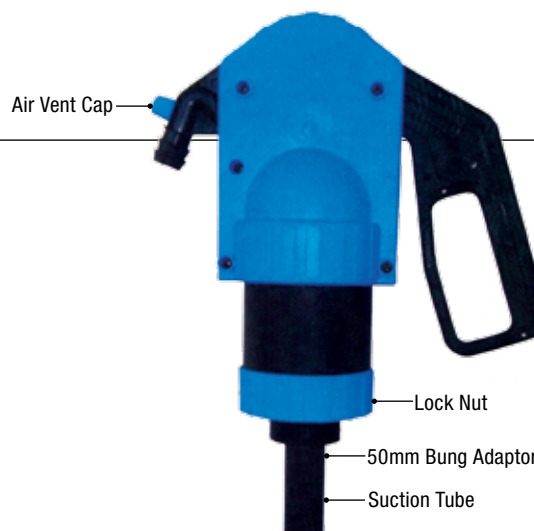
Description	
Pump body (Part No. 305387)	Delivery nozzle
Drum attachment	Stainless steel strainer
1.25m suction hose	Screws x 4
2m discharge hose	Stainless steel clamps x 7
50cm hose for drum attachment	

305397

Lever Action Drum Pump

- Supplied with suction tube for use with 50–205 litre drums and 2m x 3/4" flexible corrugated discharge hose
- Versatile lever action barrel pump complete with 50mm bung adaptor
- Suitable for high viscosity oils, water-based media, detergents, soaps, antifreeze, windshield washer additive, hydraulic oils, lubricants and agricultural chemicals
- Not suitable for fuel transfer or with thinners, solvents etc.
- **DO NOT USE** with any media not compatible with materials used in the pump construction. This pump must not be used for fuel transfer or with thinners, solvents etc.

Output: 500ml per stroke



Lever Action Drum Pump

- Suits 50–205 litre drums
- Suitable for use with oil based fluids, heating oils, motor oils, heavy and light oils
- Specifically designed for heavy duty applications
- Not recommended for use with water based fluids, solvents, acids and anti-freeze

Output: 300ml (10oz) per stroke



Part No.	Description
305252	Comes with a curved metal spout and telescopic suction tube, 38mm (1½") and 50.8mm (2") bung adaptor



LUBRICATION

Lever Action, Antifreeze Barrel Pump

- Suits 50–205 litre drums
- Designed for use with transfer fluids, such as lubricants, 100% antifreeze, solvents, thinners, automotive additives, industrial chemicals and other non-corrosive liquids
- A floating steel check valve allows liquids to drain back from pump when not in use

Output: 300ml (10 oz) per stroke

Part No.	Description
305253	Comes with a curved metal spout and telescopic suction tube, 38mm (1½") and 50.8mm (2") bung adaptor

NOTE: Since certain fluids have a tendency to build a coating on the surface when dry, it is recommended that the lever be left in the upright position when the pump is not in use.
Not recommended for use with water based and other corrosive liquids



Rotary Drum Pump

- Suits 50–205 litre drums
- Suitable for transfer of diesel, kerosene, heating oils, motor oils, lubricating oils (up to SAE 90) and non-corrosive fluids of light to medium viscosity
- Sturdy cast iron pump housing with two heavy duty cast iron vanes for better draw and smoother delivery
- Hi nitrile rubber seals

Output: 5 litres per 20 turns

Part No.	Description
305251	Comes with telescopic suction tube
Part No. (Spare)	
305359	1830mm (72") hose (optional)

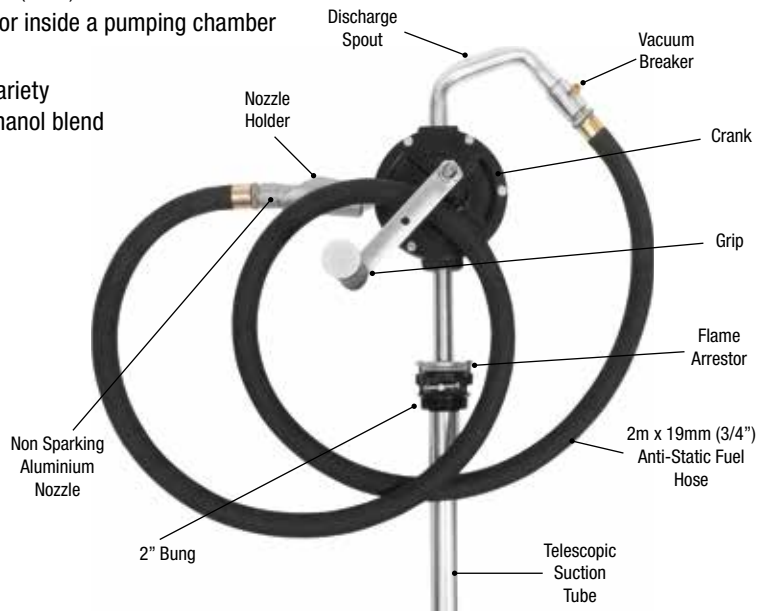


305019

Rotary Industrial Fuel Transfer Pump Heavy Duty

- Suits 50–250 litre drums
- Solid cast iron construction, Computer Numerical Control (CNC) machined
- Pump handle rotates a sintered powder metal 3 vein rotor inside a pumping chamber
- Graphite veins are self lubricating and non-wearing
- Graphite seal allows the pump to be used with a wide variety of fluids including diesel and petrol with up to a 15% ethanol blend
- Supplied complete with 2" bung, telescopic suction tube with strainer, 2000mm anti-static hose, nozzle, nozzle holder, flame arrester and vacuum bleeder
- Not recommended for use with water based media
- For use with class 1 and 2 flammable and combustible liquids such as Petrol, Naphtha, Alcohols and other solvents
- Wetted components: Cast Iron, Steel, Graphite, Paper, Polypropylene

Output: Self priming operation with output of up to 38 litres/minute (10 gallons/minute)



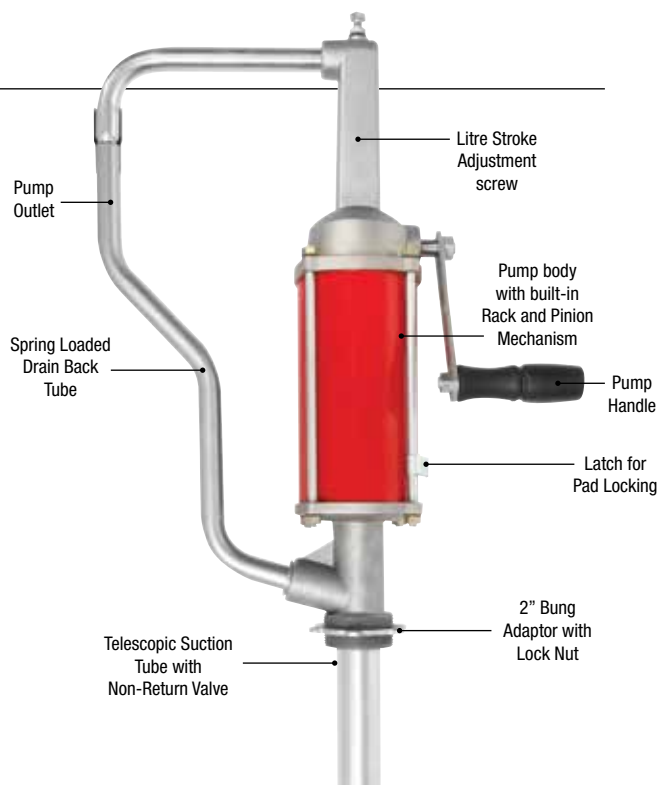
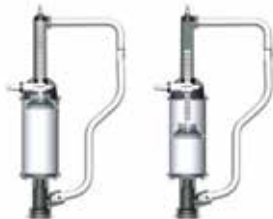


305018

Litre Stroke Pump

- Suits 50–205 litre drums
- Dispenses 1 litre of media per rotation
- Built in 2" bung nut, non-drip nozzle, spring loaded drain back tube for overflow media and lever for padlocking the pump
- Supplied complete with telescopic suction tube
- Economical option for applications that require metered delivery, the pump uses a precision rack and pinion system
- Suitable for gear and lube oil and petroleum based media
- Not recommended for water based and other corrosive fluids
- Wetted components: Steel, Aluminium, Nitrile Rubber

Pump Internals



305020

Universal Drip Pan

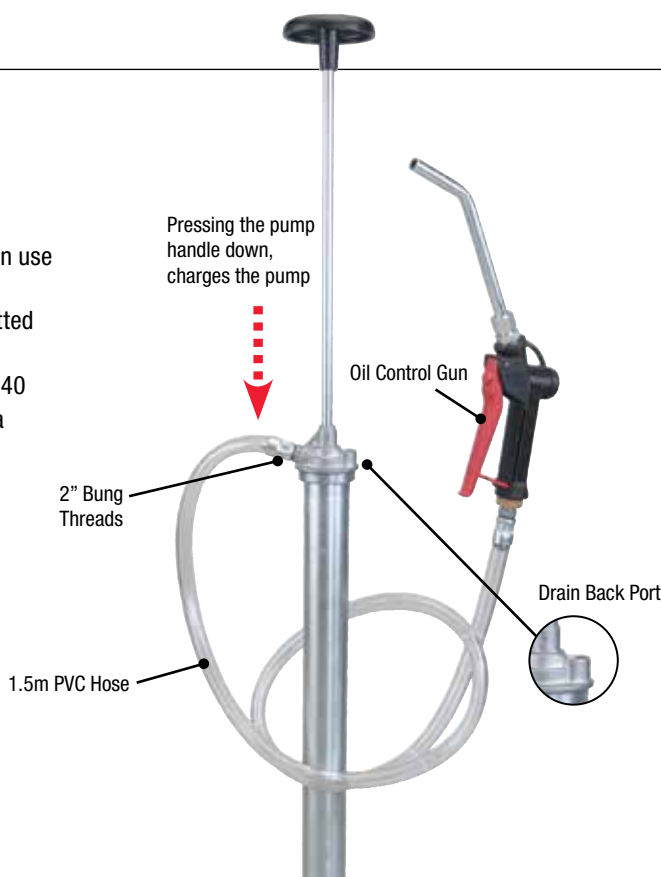
- Fits any 2" threaded opening on a drum and any pump with a 2" bung adaptor
- Cast aluminium body with 2" external and internal threads
- Bung adaptor with strainer for dispensing clean media back into the drum
- Used as a drain for returning overflow media back into the drum
- Also works as a base for holding a container during dispensing
- Essential item to accompany every drum pump



305000

Spring Loaded Oil Pump

- For use with 60 litre drums
- Spring loaded design allows for continuous controlled dispensing via the oil control gun
- By pressing the pump handle down the pump creates a single charge capable of dispensing 500ml of output
- Drain back port offers a resting place for the gun when not in use and drains back into the pump to capture any excess oil
- Supplied complete with 1500mm long non-kink PVC hose fitted with an oil control gun
- Recommended for engine and gear oils up to viscosity SAE140
- Do not use with water based or other corrosive based media
- Wetted components: Steel, Aluminium, Zinc, Brass, NBR, Polypropylene and PVC



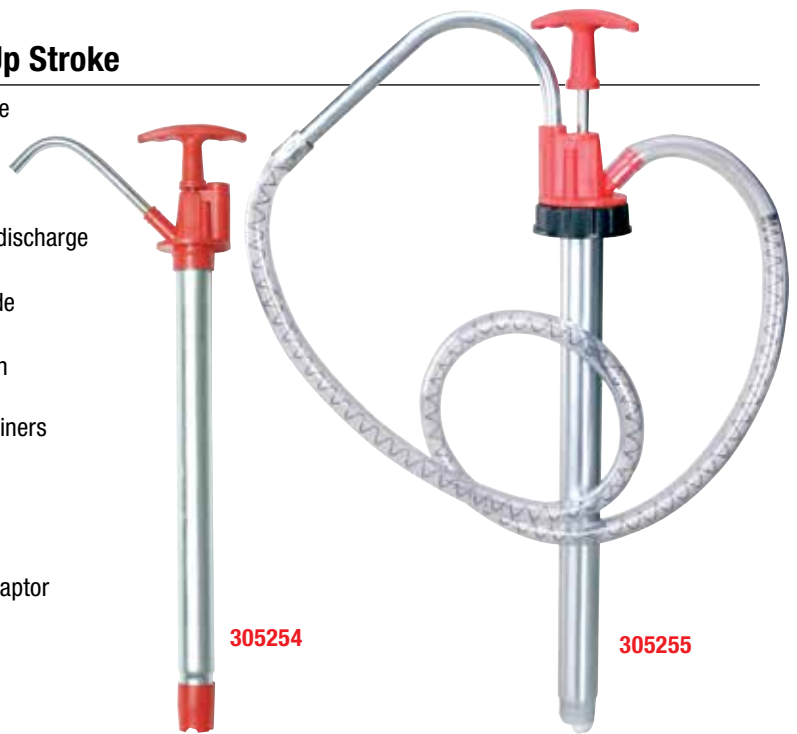


LUBRICATION

Vertical Lift Pumps “Ezee Flo” Up Stroke

- A versatile hand lift pump engineered for use on 20 litre containers with Rieke or regular openings
- Suitable for transferring engine oils, gear oils, diesel, 100% antifreeze and light fuels
- Available with rigid steel spout or with 1220mm (48”) discharge hose fitted with curved metal spout at discharge end
- Heavy duty steel suction tube with the pump head made from high density polyethylene
- Interchangeable bung adaptors: The standard bung can be slid over the pump, when using on containers with external threading. The Rieke adaptor is used on containers with plastic Rieke spout.
- Not recommended for use with water based and other corrosive materials
- Pump head can drain back excess oil into the container when using the pump with standard bung adaptor

Output: 1 litre (1.06 quarts) per 15 strokes



Part No.	Description	Drum Capacity	Pump Length
305254	Rigid steel spout	20 litres	325mm
305255	Rigid and flexible hose and spout	20 litres	325mm



Rieke Adaptor



Standard Bung Adaptor



Increase pump length by 19mm for deeper containers



The Rieke adaptor conveniently screws on the plastic pull out Rieke spout

305500

Variable Length Vertical Lift Pump “Ezee Flo” Down-Stroke

- A versatile hand lift pump engineered for use on 20 litre containers with seven adaptors to suit most drum types including those with Rieke or regular openings
- Down stroke dispensing pump with variable length telescopic tube to suit almost all drums on the market
- Suitable for transferring engine oils, gear oils, diesel, 100% antifreeze and light fuels
- Heavy duty steel suction tube with the pump head made from high density polyethylene
- Interchangeable bung adaptors. The standard bung can be slid over the pump when using on containers with plastic Rieke spout
- Not recommended for use with water based and other corrosive materials
- Pump head can drain back excess oil into the container when using the pump with a standard bung adaptor
- Supplied complete with rigid steel discharge spout and 1220mm (48”) long spring embedded non kink discharge hose fitted with non drip function

Output: 1 litre (1.06 quarts) per 15 strokes





Vertical Lift Pump

- Suits 205 litre drums
- Easy to use pump suitable for use with paint thinners
- Pump is made out of plated steel and seals are made from Teflon allowing the pump to be used with paint thinners in addition to petroleum based liquids

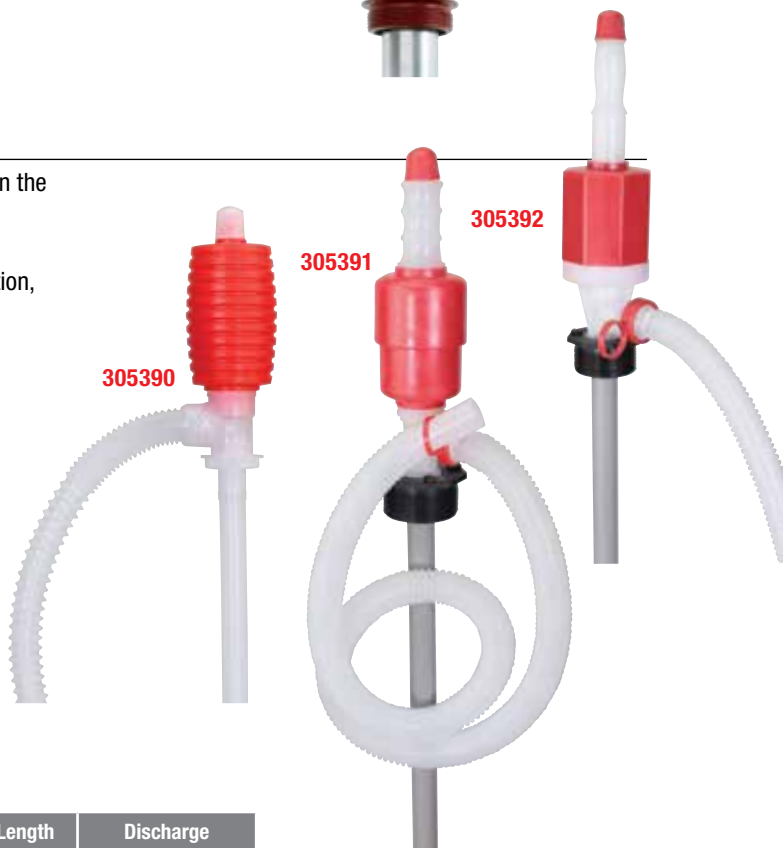
NOTE: Not recommended for use with water based and other corrosive liquids

Part No.	Description
305256	Comes with steel discharge spout and 2" cast iron bung adaptor



Syphon Pumps

- Easy to use, polyethylene pumps syphon liquids to lower levels than the height at which the pump is installed
- Easy to prime and start within 6–7 strokes
- Pumps require no further operation and keep working in auto position, emptying the fluid being pumped
- All pumps are equipped with a vent cap, opening the cap stops the discharge
- Complete with flexible corrugated discharge tube
- Recommended for water-based fluids, detergents, waxes, soaps, antifreeze, some mild acids and other liquids compatible with pump materials of construction
- Pump should only be used with light weight and non inflammable liquids
- Do not use with fluids not compatible with materials used in the pump construction. These pumps must never be used with concentrated acids, Acetone, Benzene etc.
- **WARNING:** Pumps must not be used with hot fluids at temperatures above 60°C



Part No.	Bung Type	Suits	Length	Discharge
305390	1–1½" for use with pails	5–20 litre pails	533mm	6.5 LPM (2GPM)
305391	Std 2" for use with drums	50–205 litre drums	1125mm	17.5 LPM (5GPM)
305392	Std 2" for use with drums	50–205 litre drums	1155mm	21 LPM (7GPM)

305042

Nylon Chemical Pump

- Suits 50–205 litre drums
- Self priming vertical lift pump designed for use with paint lacquer thinners, acetone, antifreeze, detergents, glycerine, water, weed killer, mild acids, petroleum based fluids
- Nylon and polypropylene construction with stainless steel plunger rod and PTFE seals





LUBRICATION

GENERAL

Oil Cans

- Seamless, heavy gauge tin sheet with a powder coated finish
- Deluxe brass suction pumps with two ball valves for large volume delivery per stroke
- The suction valve at the bottom of the pump has no spring to prevent sticking valve due to resinous oil
- Available with rigid shaft or combination flexible and rigid shaft



305261
with Rigid and Flexible Spout



305258
with Rigid and Flexible Spout



305260
with Rigid and Flexible Spout

Part No.	Type and Description	Capacity	Spout Size Rigid	Spout Size Flexible
305257	Lever type, rigid spout	200ml/6 oz	125mm (5")	
305258	Lever type, rigid and flexible spout	300ml/10 oz	125mm (5")	150mm (6")
305259	Lever type, rigid and flexible spout	500ml/16 oz/1 Pint	150mm (6")	175mm (7")
305260	Lever type, rigid and flexible spout	700ml/23 oz	175mm (7")	200mm (8")
305261	Pistol grip, rigid and flexible spout	125ml/4 oz	100mm (4")	125mm (5")
Part No. (Spare)				
305263	Flexible spout	-	-	200mm (8")



305095

Watering Can

- Suitable for all refilling
- Ideal for under the bonnet level refilling e.g. radiator, battery, windscreen washer etc.
- Plastic, curved spout
- **Capacity:** 10 litres





Oil Measure Screw Lid Dual Graduated

- Flexible spout
- Manufactured from translucent high density polyethylene construction for transferring non-corrosive liquids
- Dual scale litres and quarts

Part No.	Capacity (Dual Scale)
305039	1 litre, 1 quart
305040	5 litre, 5 quart



305264

Oil Measure Clip Lid

- Suitable for use with non-corrosive liquids
- Feature detachable flexible spout and cover lid for easy pouring
- **Capacity:** 5 litres



Oil Drain Pans Portable

- Storage and evacuation oil drain pan
- Ensures safe transportation and storage without spillage
- Manufactured from strong durable plastic

Part No.	Capacity	Size
305090	10 litres	580 x 140 x 330mm
305091	17 litres	700 x 140 x 400mm



Oil Drain Pans

- For use with fuel oils, mineral oils, synthetic, antifreeze, etc
- Resistant to most chemicals, solvents and hot oil
- Manufactured from durable, high density polyethylene with UV stabiliser

Part No.	Capacity	Size
305381	6.6 litres	35.5cm diameter x 10cm deep
305382	14 litres	45cm diameter x 15cm deep





305053

Fluid Drain Pan Transmission

- Unique design for use in servicing vehicle transmissions and gearboxes
- Large surface area ensures effective waste fluid collection
- Features pouring spout to reduce spillage
- Manufactured from strong durable plastic
- Capacity: 17.3L
- Size: 82L x 54.5W x 20D (cm)



305600

Waste Oil Drain Gravity Fed

- Oil drain with wheel mounted tank for gravity draining of motor, engine, gearbox and differential oils, transmission and power steering fluids etc. from all types of motor vehicles placed on auto lift or a pit
- Centrally mounted 10 litre (10.50 quart) capacity bowl is height adjustable and can be optimally positioned allowing oil draining as well as other maintenance operations
- Bowl comes fitted with anti splash screen
- Durable all steel design and reinforced castors; the unit provides a safe and affordable option for draining, transferring and evacuating oil
- Designed for excellent mobility, easy bowl positioning and simple to use gravity evacuation
- Tank comes fitted with sight gauge to check waste oil level and a drum tap to drain oil out
- Not for use with fuels and corrosive media



Comes with drum tap (Part No. 305071)

Specifications

Description	Size
Tank capacity	50 litres (13 gallons)
Bowl capacity	10 litres (10.5 quarts)
Bowl inner diameter	355mm (14")
Height (Max.)	1.62m
Height (Min.)	1.1m



Smart Funnels

- Heavy duty polypropylene construction
- Designed with special contours in the funnel body for easy handling
- Anti splash and spill proof, with rim of funnel curved in
- Complete with wire mesh screen, dust cover and flexible spout
- Available in 2 sizes - the larger size includes drum bung attachment, which allows the funnel to be mounted direct onto drums with 2" threaded opening
- Manufactured in translucent white to give a clear view of fluid

Part No.	Capacity	Diameter	Spout Length
305388	1.7 litre	205mm	170mm
305389	3 litre	240mm	245mm



305094

Mouldable Funnel

- A simple and effective flexible rubber funnel for draining fluids from vehicles and equipment such as cars, trucks, motorcycles, aircraft, boats, generators etc.
- Bend, fold and mould to create a desired shape
- Eliminates potential spillage and mess
- Manufactured using a thin piece of aluminium encased in a thick coating of nitrile rubber
- Size: 370 x 170 x 3mm



305248

Drum Lid Opening Wrench

- Manufactured from cast aluminium (LM25)
- Designed to fit into most 2" and 3/4" drum plugs
- Wrench is hardened and tempered for increased strength
- Compact design for easy storage
- Non sparking



305071

Drum Tap

- Fits into 3/4" threaded opening on 20–65 litre drums
- Facilitates convenient dispensing of media under gravity flow
- Lockable with bucket hanger
- Not suitable for use with corrosive media



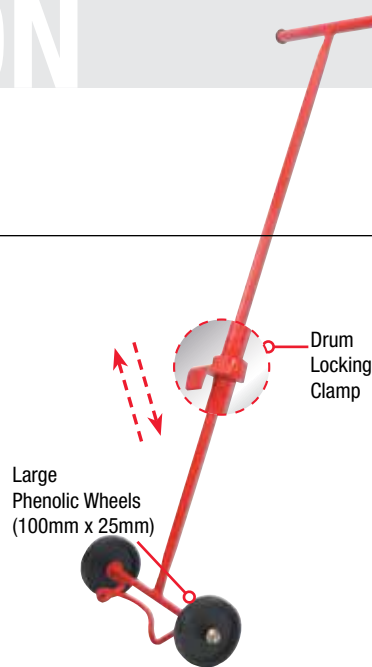


LUBRICATION

305017

Drum Trolley

- Designed to suit 20–60 litre drums
- Ideal for transporting oil/grease drums or installing air operated pump assemblies
- Heavy duty wheels are built to withstand the rigors of a busy workshop
- Drum locking clamp secures drum during transportation



Drum Dollies

- Extra heavy-duty design, wide steel in premium powder coated finish
- Heavy duty steel construction, phenolic casters on Part No. 305383
- Heavy duty steel construction, steel cross brace, cast iron casters on Part No. 305265



Part No.	Description	Capacity
305383	60 litre drum dolly	Holds drums of diameter 380mm (15")
305265	205 litre drum dolly	Holds drums of diameter 584mm (23")

305075

Copper Sealing Rings Assorted 450 Piece

- Copper washers and sealing rings in popular sizes
- Packed in a transparent sturdy-hinged acrylic case

External Diameter	Internal Diameter	Thickness
15mm	7mm	2mm
15mm	7.5mm	1mm
15mm	7.5mm	1.5mm
15mm	7.5mm	2mm
15mm	7.5mm	2.5mm
15mm	7.5mm	3mm
16mm	7.5mm	1.5mm
16mm	7.5mm	1.7mm
15.5mm	7.5mm	2mm
16mm	7.5mm	2mm
16.4mm	7.4mm	2mm
20mm	9.4mm	0.9mm
13.85mm	7.3mm	1.4mm
14.6mm	7.5mm	1.3mm
14.6mm	7.5mm	3mm





GREASE NIPPLES & ACCESSORIES

Grease Nipple Sets SAE & Metric

- Made from EN-1A steel (plated yellow zinc), heat treated
- Manufactured to QS9000 quality standards



305266 SAE Set Contents

Qty	Description
30 pcs	1/8" 27 NPT straight
15 pcs	1/8" 27 NPT 45° angle
15 pcs	1/8" 27 NPT 90° angle
20 pcs	1/4" 28 SAE LT straight
15 pcs	1/4" 28 SAE LT 45° angle
15 pcs	1/4" 28 SAE LT 90° angle

305267 Metric Set Contents

Qty	Description
30 pcs	6mm x 1 straight
20 pcs	6mm x 90° angle
20 pcs	8mm x 1 straight
20 pcs	8mm x 90° angle
20 pcs	10mm x 1 straight
10 pcs	10mm x 90° angle

Grease Nipple Handy Packs SAE & Metric

305212 1/4" SAE Pack Contents

Qty	Description
4 pcs	1/4" SAE straight
2 pcs	1/4" SAE 45° angle
2 pcs	1/4" SAE 90° angle

305213 6mm Metric Pack Contents

Qty	Description
4 pcs	6mm Metric straight
2 pcs	6mm Metric 45° angle
2 pcs	6mm Metric 90° angle



305378

Stainless Steel Grease Nipple Set Metric

- Made from 303 stainless steel with stainless steel ball
- Manufactured to QS9000 quality standards

Contents

Qty	Description
30 pcs	6mm x 1 Straight
15 pcs	6mm x 45° Angle
15 pcs	6mm x 90° Angle
20 pcs	8mm x 1 Straight
15 pcs	8mm x 45° Angle
15 pcs	8mm x 90° Angle





LUBRICATION

Grease Nipples

- Available in EN-1A steel with yellow zinc coating or 303 stainless steel
- Manufactured to the most stringent quality standards – QS9000 approved manufacturing
- Accurately controlled, conforming to the SAE, DIN, BS, JIS and IS standards
- Stainless steel nipples have stainless steel ball
- Grease nipples are heat treated to SAE J534 specifications



Description		Hex Size	Steel Part No.	Qty	Steel Part No.	Qty	Stainless Steel Part No.	Qty
1/4" – 28 SAE-LT Taper Thread	Short Straight	5/16"	305319	10	305268	20	305375	10
	Short – 45°	3/8"	305320	5	305269	20	305376	10
	Short – 65°	3/8"	305321	5	305270	20		
	Short – 90°	3/8"	305322	5	305271	20	305377	10
R 1/8" x 28 BSPT Taper Thread	Straight	7/16"	305323	5	305272	20		
	45°	7/16"	305324	5	305273	20		
	90°	7/16"	305325	4	305274	20		
R 1/4" x 19 BSPT Taper Thread	Straight	0.60"	305326	2	305275	20		
	45°	0.60"	305327	2	305276	20		
	90°	0.60"	305328	2	305277	20		
UNF Parallel Thread	Straight 1/4" -28	5/16"	305329	10	305278	20		
	Straight 5/6" – 24	7/16"	305330	6	305279	20		
	Straight 3/8" - 24	7/16"	305331	6	305280	20		
BSF Parallel Thread	Straight 1/4" – 26	7mm	305332	8	305281	20		
	Straight 5/16" – 22	9mm	305333	5	305282	20		
	Straight 3/8" – 20	11mm	305334	3	305283	20		
1/8" – 27 Pipe Threads PTF – Special Short	Short Straight	7/16"	305335	7	305284	20	305370	10
	Short – 30°	7/16"	305336	5	305285	20	305371	10
	Short – 45°	7/16"	305337	5	305286	20	305372	10
	Short – 65°	7/16"	305338	4	305287	20	305373	10
	Short – 90°	7/16"	305339	4	305288	20	305374	10
6.0mm x 1.0mm Taper Thread	Short Straight	7mm	305340	10	305289	20	305361	10
	Short – 45°	9mm	305341	5	305290	20	305362	10
	Short – 90°	9mm	305342	5	305291	20	305363	10
8.0mm x 1.0mm Taper Thread	Short Straight	9mm	305343	8	305292	20	305364	10
	Short – 45°	9mm	305344	5	305293	20	305365	10
	Short – 90°	9mm	305345	5	305294	20	305366	10
10.0mm x 1.0mm Taper Thread	Short Straight	11mm	305346	6	305295	20	305367	10
	Short – 45°	11mm	305347	5	305296	20	305368	10
	Short – 90°	11mm	305348	5	305297	20	305369	10
Drive Fittings	For 3/16" Drill	Dia 5/16"	305349	10	305298	20		
	For 5/16" Drill	Dia 3/8"	305350	8	305299	20		
	For 1/4" Drill	Dia 11/32"	305351	10	305313	20		
Button Head Grease Fittings Parallel Thread	1/4" x 19 BSP	0.6"	305352	3	305314	20		
	1/8" x 28 BSP	0.6"	305353	3	305315	20		
Button Head Grease Fittings Taper Thread	1/8"-27 PTF SAE spl Short	5/8"	305354	3	305316	20		
	3/8"-18 NPTF	3/4"	305355	1	305317	20		
	1/4"-18 NPTF	5/8"	305356	2	305318	20		



Grease Nipple Easy Out Tool

- Handy, dual-purpose tools for removing worn and broken grease fittings
- Can be used to retap holes to install new grease fittings
- Works with straight and angled fittings



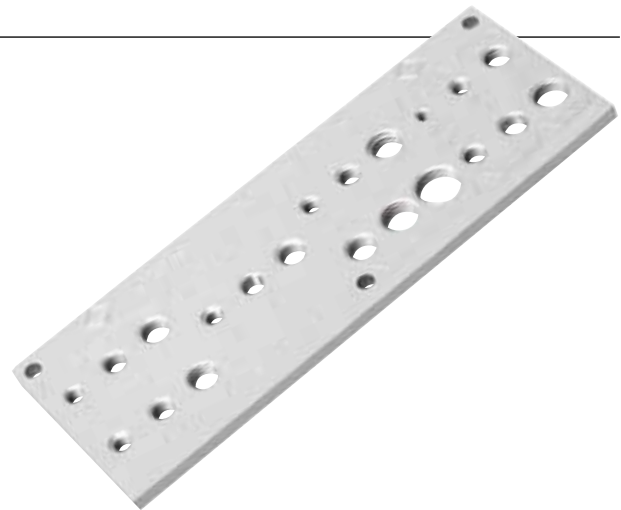
Part No.	Description	Hex Size	Tap Rethreads
305249	Small easy out tool	7mm (5/16") & 9mm (3/8")	1/4"-28
305250	Large easy out tool	9mm (3/8") & 11mm (7/16")	1/8"-27

305016

Grease Nipple Thread Gauge

- Aluminium construction with mounting holes
- Designed to check 21 of the most popular thread types
- Handy tool box accessory
- Grease nipple identification made easy
- Size: 207 x 75mm

Thread Type	Sizes			
NPT	1/8"	1/4"	3/8"	
METRIC	M6 x 1	M6 x 0.75		
METRIC	M8 x 1	M8 x 1.25		
METRIC	M10 x 1	M10 x 1.5		
BSPT	1/8"	1/4"		
UNF/ANF	1/4"	5/16"	3/8"	
BSW	1/4"	5/16"	1/2"	3/8"
BSF	3/16"	1/4"	5/16"	



Grease Nipple Protective Caps

- Protects lubricating grease nipples from contaminant such as dirt, saltwater etc.
- Colour coding suitable for grease style identification
- In-built collar slides onto the fitting, keeping the cap safely attached
- Caps fit all standard fittings for use with jaw type grease nipples
- Also available handy pack of 10 assorted caps (Part No. 305396)



Part No.	Colour	Qty
305393	Black	50
305394	Red	50
305395	Yellow	50
305396	Assorted (4 Black, 3 Red, 3 Yellow)	10





LUBRICATION

TGNM01

Grease Nipple Merchandiser

- Freestanding, professional counter display of comprehensive grease nipple range
- Wide range of popular thread sizes
- Dimensions: 330W x 635H x 185D (mm)



Contents

Part No.	Description	Qty per hook	Part No.	Description	Qty per hook
305319	1/4" 28 SAE (10 Pk)	3	305339	1/8" 27 PTF 90° (4 Pk)	3
305320	1/4" 28 SAE 45° (5 Pk)	3	305340	6mm X 1.0mm (10 Pk)	3
305321	1/4" 28 SAE 65° (5 Pk)	3	305341	6mm X 1.0mm 45° (5 Pk)	3
305322	1/4" 28 SAE 90° (5 Pk)	3	305342	6mm X 1.0mm 90° (5 Pk)	3
305323	R1/8" 28 BSPT (5 Pk)	3	305343	8mm X 1.0mm (8 Pk)	3
305324	R1/8" 28 BSPT 45° (5 Pk)	3	305345	8mm X 1.0mm 90° (5 Pk)	3
305325	R1/8" 28 BSPT 90° (4 Pk)	3	305346	10mm X 1.0mm (6 Pk)	3
305326	R1/4" 19 BSPT (2 Pk)	3	305347	10mm X 1.0mm 45° (5 Pk)	3
305329	1/4" 28 UNF (10 Pk)	3	305348	10mm X 1.0mm 90° (5 Pk)	3
305330	5/16" 24 UNF (6 Pk)	3	305349	Drive Fit 3/16" (10 Pk)	3
305331	3/8" 24 UNF (6 Pk)	3	305351	Drive Fit 1/4" (10 Pk)	3
305335	1/8" 27 PTF (7 Pk)	3	305352	1/4" X 19 BSP (3 Pk)	3
305338	1/8" 27 PTF 65° (4 Pk)	3			