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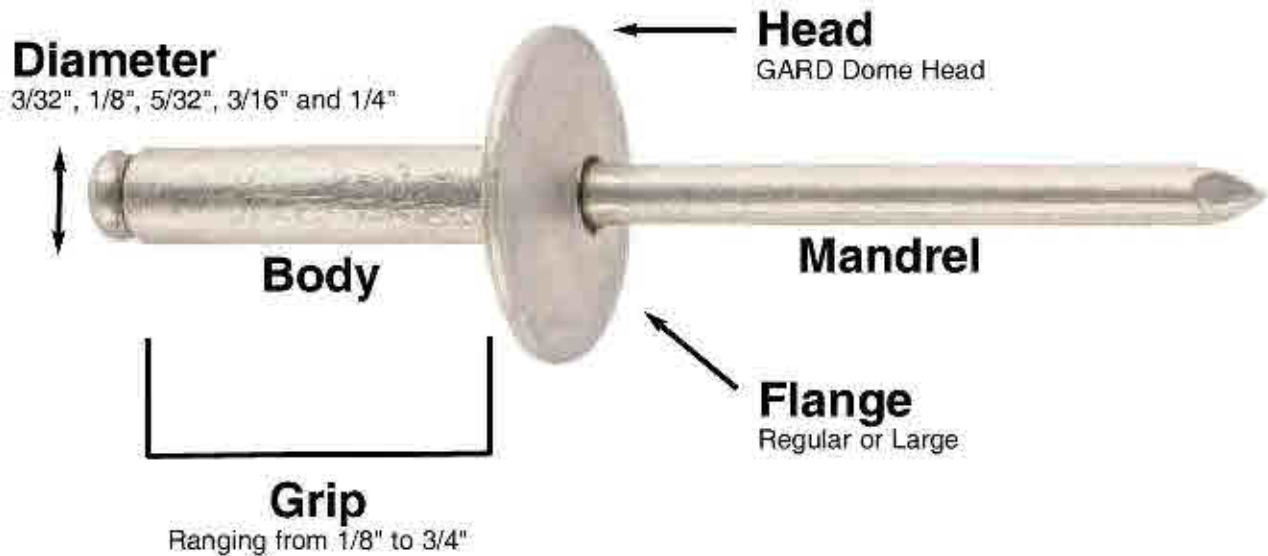
Blind Rivets Steel and Aluminum

Blind Rivets provide fastening capabilities in situations where there is no access to the opposite side of your workpiece, even if you are fastening multiple pieces of material together.

Blind Rivets replace screws, nuts and bolts, spot welds and other fastening methods.

Blind Rivets are vibration and vandalism resistant, providing a clean finished surface.

Applications are limitless, fasten metal to metal, wood to metal, plastics to metal, and more!



**Material: Aluminum and Steel
(Stainless Steel Available Upon Request)**

Hole Size and Shear-Tensile Strength (Lbs.) Rivet Material Composition					
Rivet Body Mandrel		Drill Hole Size	Aluminum Aluminum	Aluminum Steel	Steel Steel
Body Diameter	3/32"	# 41 Drill	80/100	120/150	160/200
	1/8"	# 30 Drill	150/180	180/270	280/410
	5/32"	# 20 Drill	230/320	300/370	420/600
	3/16"	# 11 Drill	280/430	440/700	600/870
	1/4"	F Drill	600/800	780/1100	1140/1650

Industrial Style Rivet Tool

Make quick work of the job with this **Industrial style Rivet Tool**. Effortless release automatically ejects mandrel. Remove ejector spring and the self-aligning stops prevent the rivets from falling out in any position.



Part No. 78-RT

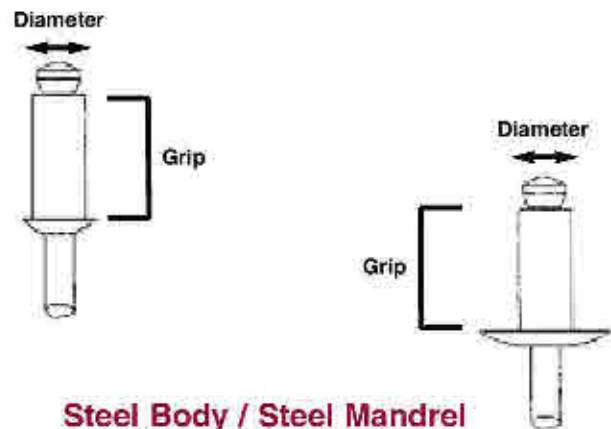
Nose Pieces
1/8", 5/32" and 3/16"

Blind Rivets

Steel Body / Steel Mandrel REGULAR FLANGE



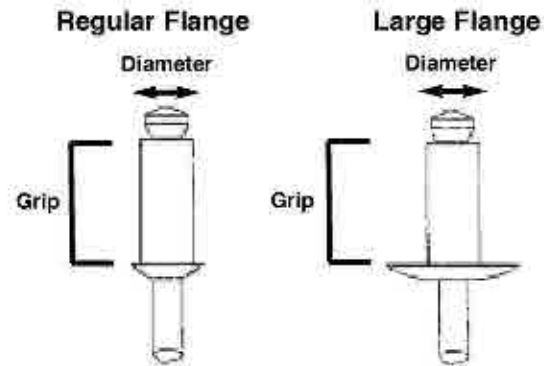
Diameter	Grip Range	Part Number
3/32"	.016 -.125	78-152-SSD
3/32"	.126 -.250	78-154-SSD
1/8"	.016 -.125	78-22-SSD
1/8"	.126 -.187	78-23-SSD
1/8"	.188 -.250	78-24-SSD
1/8"	.251 -.375	78-26-SSD
1/8"	.376 -.500	78-28-SSD
5/32"	.126 -.250	78-254-SSD
5/32"	.251 -.375	78-256-SSD
3/16"	.126 -.250	78-34-SSD
3/16"	.251 -.375	78-36-SSD
3/16"	.376 -.500	78-38-SSD
3/16"	.501 -.625	78-310-SSD
3/16"	.626 -.750	78-312-SSD
1/4"	.016-.250	78-44-SSD
1/4"	.251-.375	78-46-SSD



Steel Body / Steel Mandrel LARGE FLANGE

Diameter	Grip Range	Part Number
1/8"	.016 -.125	78-22-SSLF
1/8"	.126 -.250	78-24-SSLF
3/16"	.251 -.375	78-36-SSLF
3/16"	.376 -.500	78-38-SSLF
3/16"	.501 -.625	78-310-SSLF

Blind Rivets cont.



**Aluminum Body / Steel Mandrel
REGULAR FLANGE**

Diameter	Grip Range	Part Number
1/8"	.016 - .125	78-22-ASD
1/8"	.126 - .187	78-23-ASD
1/8"	.188 - .250	78-24-ASD
1/8"	.313 - .375	78-26-ASD
1/8"	.438 - .500	78-28-ASD
5/32"	.126 - .250	78-254-ASD
3/16"	.126 - .250	78-34-ASD
3/16"	.251 - .375	78-36-ASD
3/16"	.376 - .500	78-38-ASD
3/16"	.501 - .625	78-310-ASD
3/16"	.626 - .750	78-312-ASD
1/4"	.016 - .250	78-44-ASD
1/4"	.251 - .375	78-46-ASD
1/4"	.376 - .500	78-48-ASD
1/4"	.626 - .750	78-412-ASD

**Aluminum Body / Aluminum Mandrel
REGULAR FLANGE**

Diameter	Grip Range	Part Number
3/32"	.016 - .125	78-152-AAD
3/32"	.188 - .250	78-154-AAD
1/8"	.016 - .125	78-22-AAD
1/8"	.126 - .187	78-23-AAD
1/8"	.188 - .250	78-24-AAD
1/8"	.313 - .375	78-26-AAD
1/8"	.438 - .500	78-28-AAD
5/32"	.126 - .250	78-254-AAD
5/32"	.251 - .375	78-256-AAD
3/16"	.126 - .250	78-34-AAD
3/16"	.251 - .375	78-36-AAD
3/16"	.376 - .500	78-38-AAD
3/16"	.501 - .625	78-310-AAD
3/16"	.626 - .750	78-312-AAD
1/4"	.016 - .250	78-44-AAD
1/4"	.251 - .375	78-46-AAD

**Aluminum Body / Steel Mandrel
LARGE FLANGE**

Diameter	Grip Range	Part Number
3/16"	.251 - .375	78-36-ASLF
3/16"	.376 - .500	78-38-ASLF
3/16"	.626 - .750	78-312-ASLF

**Aluminum Body / Aluminum Mandrel
LARGE FLANGE**

Diameter	Grip Range	Part Number
3/16"	.251 - .375	78-36-AALF
3/16"	.376 - .500	78-38-AALF
3/16"	.501 - .625	78-310-AALF

4 MAINTENANCE PRODUCTS

Blind Rivets Steel Body with Steel Mandrel Assortment

**452 Piece Total including Heavy Duty Rivet Tool
Part Number: 500-78-SS**



Adjustable Tray (600-ADL)

Diameter	Grip Range	Flange	Count	Part Number
1/8"	.126 -.187	Regular	50	78-23-SSD
1/8"	.188 -.250	Regular	50	78-24-SSD
1/8"	.251 -.375	Regular	50	78-26-SSD
1/8"	.126 -.250	Large	50	78-24-SSLF
3/16"	.251 -.375	Regular	50	78-36-SSD
3/16"	.376 -.500	Regular	50	78-38-SSD
3/16"	.501 -.625	Regular	50	78-310-SSD
3/16"	.376 -.500	Large	50	78-38-SSLF
3/16"	.501 -.625	Large	50	78-310-SSLF



**Heavy Duty Rivet Tool
Part No. 78-RT**

Blind Rivets Aluminum Body with Steel Mandrel Assortment

452 Piece Total including Heavy Duty Rivet Tool

Part Number: 500-78-AS



Adjustable Tray (600-ADL)

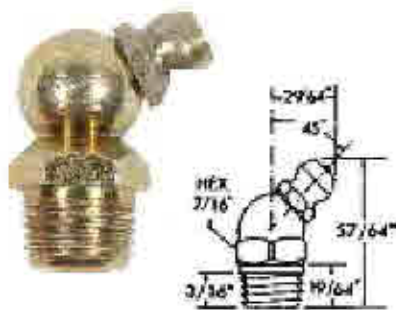
Diameter	Grip Range	Flange	Count	Part Number
1/8"	.016 -.125	Regular	50	78-22-ASD
1/8"	.126 -.187	Regular	50	78-23-ASD
1/8"	.188 -.250	Regular	50	78-24-ASD
1/8"	.313 -.375	Regular	50	78-26-ASD
3/16"	.251 -.375	Regular	50	78-36-ASD
3/16"	.376 -.500	Regular	50	78-38-ASD
3/16"	.501 -.625	Regular	50	78-310-ASD
3/16"	.251 -.375	Large	50	78-36-ASLF
3/16"	.376 -.500	Large	50	78-38-ASLF



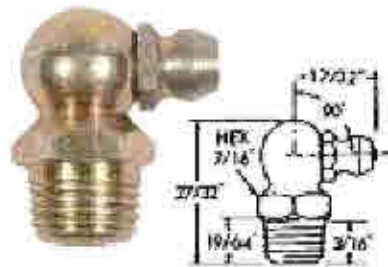
Heavy Duty
Rivet Tool
Part No. 78-RT

6 MAINTENANCE PRODUCTS

1/8" Grease Fittings



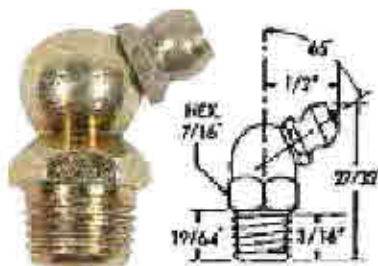
**1/8" N.P.T. Pipe Thread
45° Angle**
Part No. 83-245



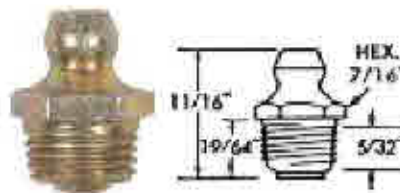
**1/8" N.P.T. Pipe Thread
90° Angle**
Part No. 83-290



**1/8" N.P.T. Pipe Thread
30° Angle**
Part No. 83-230



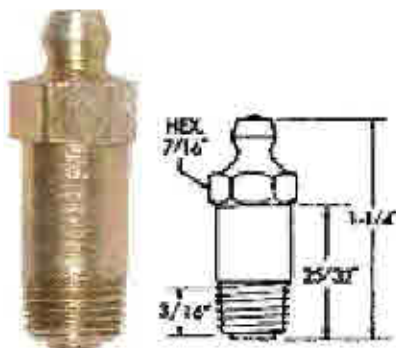
**1/8" N.P.T. Pipe Thread
65° Angle**
Part No. 83-268



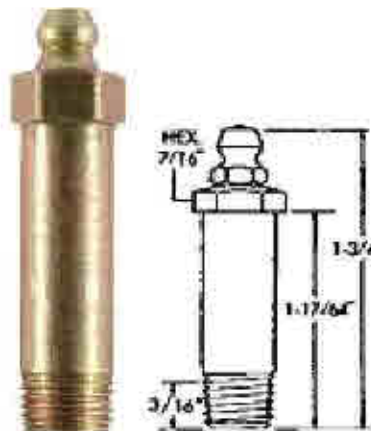
**1/8" N.P.T. Pipe Thread
Straight**
Part No. 83-212



**1/8" NPT Pipe Thread
Standard Button
Head Fitting**
Part No. 83-B-212



**1/8" N.P.T. Pipe Thread
Straight (1-1/4" Length)**
Part No. 83-228

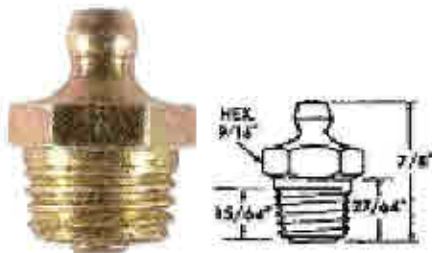


**1/8" N.P.T. Pipe Thread
Straight (1-3/4" Length)**
Part No. 83-228L

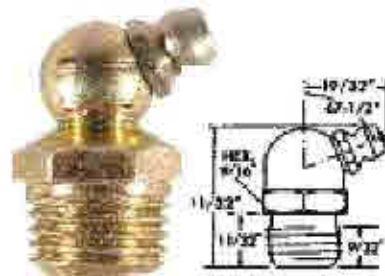


**Grease Fitting
Adapter**
1/8" - 1/4"
Female 1/8" NPT Male 1/4-28
Replaces 1/4-28
grease fitting
in remote
grease applications
Part No. 83-F4-2

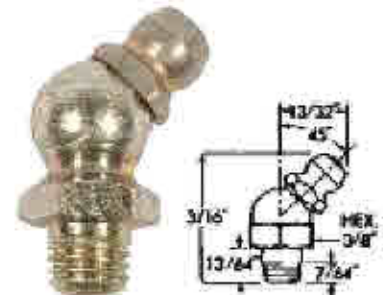
1/4" Grease Fittings



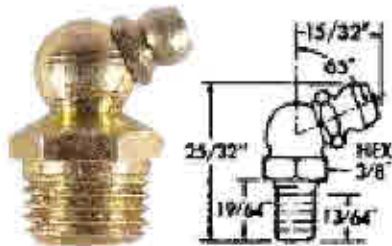
1/4" Pipe Thread
Straight / Up to 10,000 PSI
Part No. 83-414



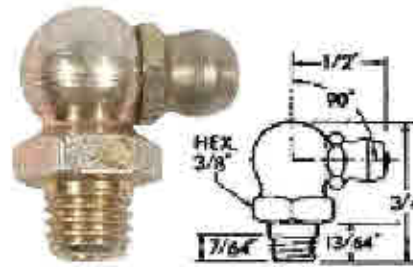
1/4" Pipe Thread
67-112° Angle / Up to 10,000 PSI
Part No. 83-468



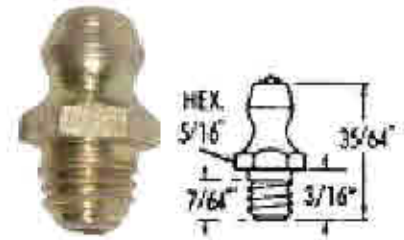
1/4"-28 Pipe Thread
45° Angle
Part No. 83-F-445



1/4"-28 Pipe Thread
65° Angle
Part No. 83-F-468



1/4"-28 Pipe Thread
90° Angle
Part No. 83-F-490



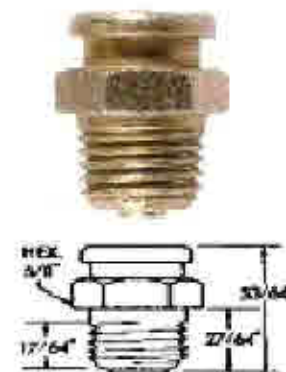
1/4"-28 Pipe Thread
Straight
Part No. 83-F-410



1/4"-28 Pipe Thread
Straight
Part No. 83-F-412



1/4"-28 Pipe Thread
Straight
Part No. 83-F-417



1/4" NPT Pipe Thread
Standard Button Head Fitting
Part No. 83-B-412

GARD 18" Grease Hose Assembly

Insufficient lubrication is frequently cited as the reason for equipment failure; poorly located grease fittings being the prime excuse. **GARDs Grease Hose Assembly** allows you to readily pump grease into poor-access fittings and extend equipment life.

**18" Complete
Ultimate Grease Hose
Assembly**
Part No. 83-UGH



**Now Available in
Any Length!
Call for
Assistance!**

**1/8" NPT Male
1/8" NPT Female
Swivel Coupler**
Part No. 83-GHC

90° 1/8" NPT Female
Part No. 83-GGC-90

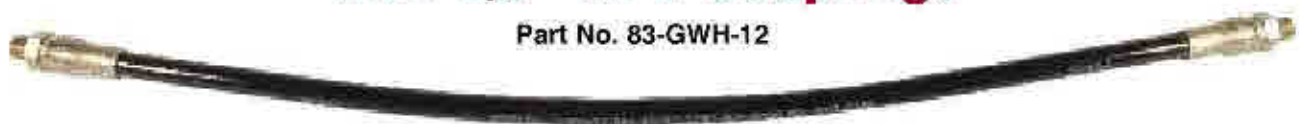
Reduce lubrication problems, get to those poorly located grease fittings. A 'MUST HAVE' for all mechanics who value a time saving, quality tool!

GREAT FOR:

**Auto Mechanics • Contractors • Farmers
Recreational Equipment • Fleet Maintenance
Building Maintenance (heating, ventilation fans) • Food Processing**

Straight 12" Grease Whip Hose with 1/8" NPT Couplings

Part No. 83-GWH-12





Grease Fitting Extractor

Extract broken fittings, rethread holes and install straight or angle type fittings.

For Fitting Thread
1/4"-28
1/8" NPT

Part No.
83-FT04
83-FT02

Standard Service Grease Gun Hydraulic Coupler

1/8" Female Pipe Thread
Part No. 83-GGC



Needle Nose Adapter

Ideal for pin point grease injection of universal joints. Permits easy greasing of: sealed bearings, metal covered springs, water pumps or wherever large couplers can't be used. Simply snaps into standard grease gun coupler.

Part No. 83-GGNN



14 oz. Pistol-Grip Grease Gun

Part No. 83-14PGG



Grease Fitting and Ultra Grease Hose Assembly Assortment

167 Piece Total including Ultimate Grease Hose Assembly
Part Number: 500-83U



Pipe Thread	Straight	Angle°	Count	Part Number
1/8" NPT	-----	90°	15	83-290
1/8" NPT	Straight	-----	15	83-228
1/8" NPT	-----	65°	15	83-268
1/8"	-----	30°	15	83-230
1/8"	-----	45°	15	83-245
1/8"	Straight	-----	15	83-212
1/4"-28	-----	45°	15	83-F-445
1/4"-28	-----	90°	15	83-F-490
1/4"-28	Straight	-----	15	83-F-410
1/4"-28	Straight	-----	15	83-F-412
1/4"-28	Straight	-----	15	83-F-417



**18" Complete
Ultimate Grease Hose
Assembly
Part No. 83-UGH**

Grease Fitting Assortment

166 Piece Total

Part Number: 500-83

(Metric equivalent Assortment / Part Number: 500-83M)



Pipe Thread	Straight	Angle°	Count	Part Number
1/8" NPT	-----	90°	15	83-290
1/8" NPT	Straight	-----	15	83-228
1/8" NPT	-----	65°	15	83-268
1/8"	-----	30°	15	83-230
1/8"	-----	45°	15	83-245
1/8"	Straight	-----	15	83-212
1/4"-28	-----	45°	15	83-F-445
1/4"-28	-----	90°	15	83-F-490
1/4"-28	Straight	-----	15	83-F-410
1/4"-28	Straight	-----	15	83-F-412
1/4"-28	Straight	-----	15	83-F-417

