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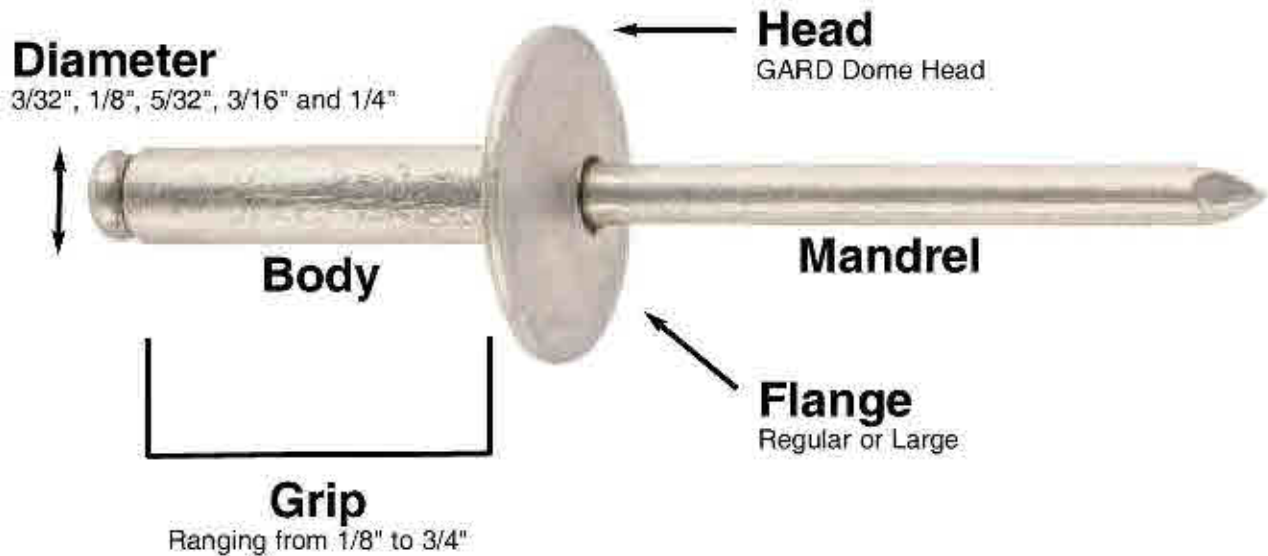
## Blind Rivets Steel and Aluminum

**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"

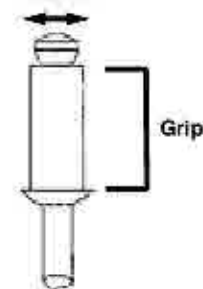
## Blind Rivets

### 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

Diameter



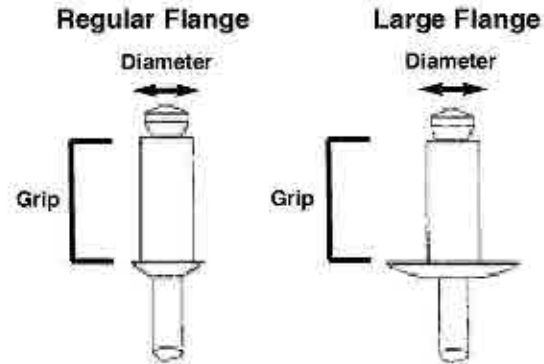
Diameter



### 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)

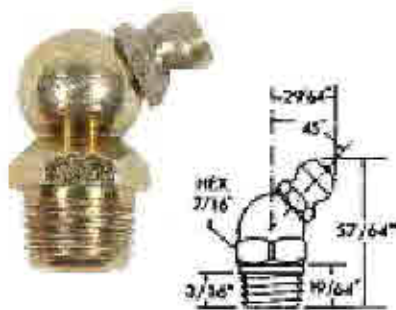
Diameter	Grip Range	Flange	Count	Part Number
1/8"	.016 -.125	Regular	50	78-22-ASD
1/8"	.126 -.187	Regular	50	78-23-ASD
1/8"	.188 -.250	Regular	50	78-24-ASD
1/8"	.313 -.375	Regular	50	78-26-ASD
3/16"	.251 -.375	Regular	50	78-36-ASD
3/16"	.376 -.500	Regular	50	78-38-ASD
3/16"	.501 -.625	Regular	50	78-310-ASD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



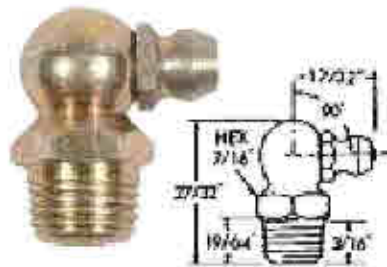
Heavy Duty  
Rivet Tool  
Part No. 78-RT

**6 MAINTENANCE PRODUCTS**

## 1/8" Grease Fittings



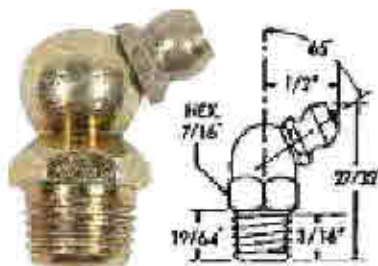
**1/8" N.P.T. Pipe Thread  
45° Angle**  
Part No. 83-245



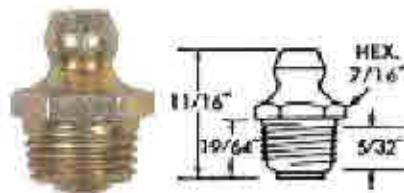
**1/8" N.P.T. Pipe Thread  
90° Angle**  
Part No. 83-290



**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

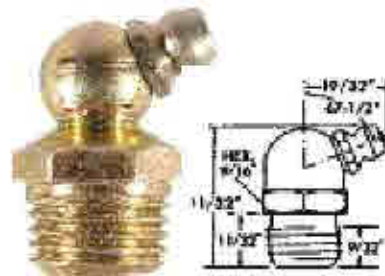


**Grease Fitting  
Adapter**  
**1/8" - 1/4"**  
Female 1/8" NPT Male 1/4-28  
Replaces 1/4-28  
grease fitting  
in remote  
grease applications  
Part No. 83-F4-2

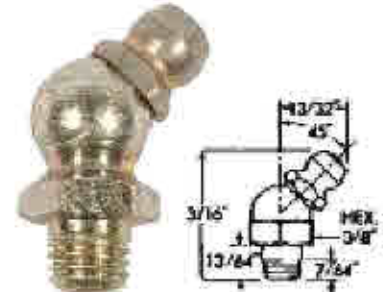
## 1/4" Grease Fittings



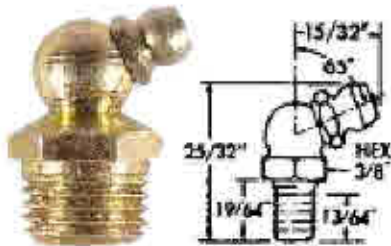
**1/4" Pipe Thread**  
Straight / Up to 10,000 PSI  
Part No. 83-414



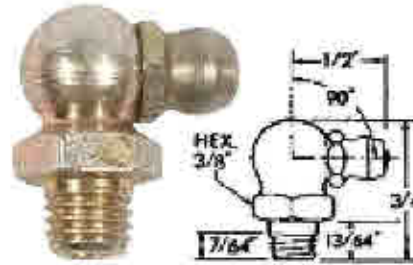
**1/4" Pipe Thread**  
67-112° Angle / Up to 10,000 PSI  
Part No. 83-468



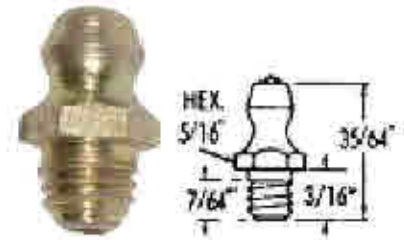
**1/4"-28 Pipe Thread**  
45° Angle  
Part No. 83-F-445



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



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



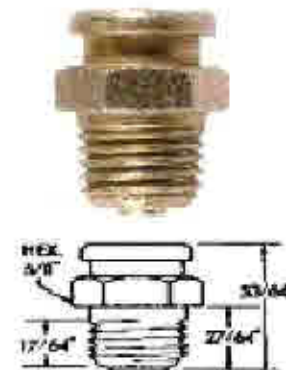
**1/4"-28 Pipe Thread**  
Straight  
Part No. 83-F-410



**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

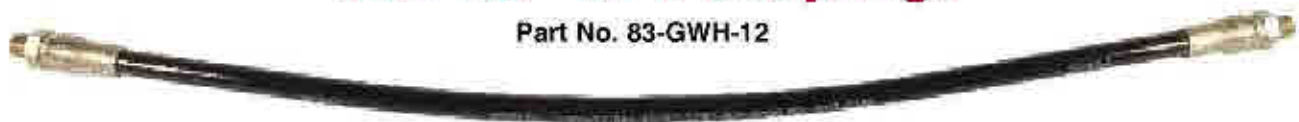
Reduce lubrication problems, get to those poorly located grease fittings. A 'MUST HAVE' for all mechanics who value a time saving, quality tool!

### **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



Adjustable Tray (600-ADL)

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

