

## Standard Grease Fitting Assortment Kit

Transparent box for easy visibility.  
Contains the most popular grease fittings both in straights and angles.

Standard Kit # ZA100  
100 Grease Fittings Assorted as Follows

| Part No. | Description       | Qty.  |
|----------|-------------------|-------|
| Z400     | 1/4-28 Str        | 50 ea |
| Z800     | 1/8" PT Str       | 25 ea |
| Z445     | 1/4-28 45°        | 5 ea  |
| Z490     | 1/4-28 90°        | 5 ea  |
| Z845     | 1/8" PT 45°       | 5 ea  |
| Z400-34  | 1/4"-28 3/4" Long | 5 ea  |
| Z890     | 1/8" PT 90°       | 5 ea  |



**Part No. ZA100**

**Standard Assortment  
Kit – 100 pieces**

## Metric Grease Fitting Assortment Kit

Transparent box for easy visibility.  
Contains the most popular metric grease fittings in both straight and angles

Metric Kit # ZAM100  
100 Metric Fittings Assorted as Follows

| Part No. | Description | Qty.  |
|----------|-------------|-------|
| ZMS6     | 6 mm Str    | 40 ea |
| ZMS8     | 8 mm Str    | 5 ea  |
| ZMS10    | 10 mm Str   | 5 ea  |
| ZM906    | 6 mm 90°    | 20 ea |
| ZM908    | 8 mm 90°    | 5 ea  |
| ZM9010   | 10 mm 90°   | 5 ea  |
| ZM456    | 6 mm 45°    | 10 ea |
| ZM458    | 8 mm 45°    | 5 ea  |
| ZM4510   | 10 mm 45°   | 5 ea  |



**Part No. ZAM100**

**Metric Assortment  
Kit – 100 pieces**

## Deluxe Grease Fitting Assortment Kit

Deluxe Kit No. ZA365  
365 Grease Fittings Assorted as  
Follows

| Part No. | Qty.  |
|----------|-------|
| GG701BC  | 6 ea  |
| Z14      | 26 ea |
| Z316     | 26 ea |
| Z38      | 26 ea |
| Z400     | 50 ea |
| Z400-34  | 26 ea |
| Z490     | 26 ea |
| Z800     | 25 ea |
| Z845     | 10 ea |
| Z865     | 10 ea |
| Z890     | 10 ea |
| Z900     | 10 ea |
| ZMS6     | 26 ea |
| ZMS8     | 26 ea |
| ZMS10    | 26 ea |

**Part No. ZA365**

**Assortment Kit  
365 pieces**



## Standard and Metric Grease Fitting Assortment Kits

Both these assortments come in a transparent box for easy visibility. They also contain the most popular straight and angles in either standard or metric grease fittings. In a pocket sized box.



**Part No. ZA35**

**Standard Assortment  
Kit – 35 pieces**



**Part No. ZAM27**

**Metric Assortment  
Kit – 27 pieces**

## 1/4-28 Taper Thread with Ball Check

1/4-28 Straight

Part No. Z400-V

5 pieces

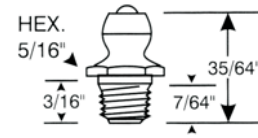
Part No. Z400A

100 pieces

Part No. Z400-K

1000 pieces

Weight 1000 pcs. 5.7 lbs.



1/4-28 Straight 11/16" Long

Part No. Z400-34-V

5 pieces

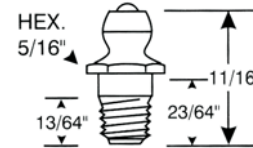
Part No. Z400-34A

100 pieces

Part No. Z400-34-K

1000 pieces

Weight 1000 pcs. 7.5 lbs.



1/4-28 Straight 15/16" Long

Part No. Z400-1-V

5 pieces

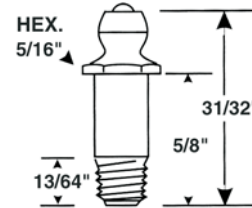
Part No. Z400-1A

100 pieces

Part No. Z400-1-K

1000 pieces

Weight 1000 pcs. 9.5 lbs.



1/4-28 45°

Part No. Z445-V

5 pieces

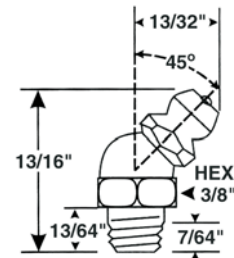
Part No. Z445A

100 pieces

Part No. Z445-K

1000 pieces

Weight 1000 pcs. 17 lbs.



1/4-28 65°

Part No. Z465-V

5 pieces

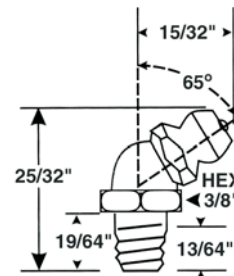
Part No. Z465A

100 pieces

Part No. Z465-K

1000 pieces

Weight 1000 pcs. 17 lbs.



1/4-28 90°

Part No. Z490-V

5 pieces

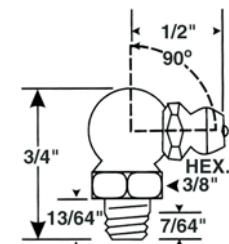
Part No. Z490A

100 pieces

Part No. Z490-K

1000 pieces

Weight 1000 pcs. 17 lbs.



## 1/8" Pipe Thread Grease Fittings with Ball Check

1/8" P.T. Straight

Part No. Z800-V

5 pieces

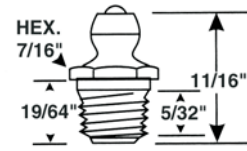
Part No. Z800A

100 pieces

Part No. Z800-K

1000 pieces

Weight 1000 pcs. 12 lbs.



1/8" P.T. Straight 1 1/4" Long

Part No. Z800-1-V

5 pieces

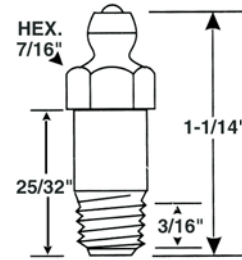
Part No. Z800-1A

100 pieces

Part No. Z800-1-K

1000 pieces

Weight 1000 pcs. 31 lbs.



1/8" P.T. 30°

Part No. Z830-V

5 pieces

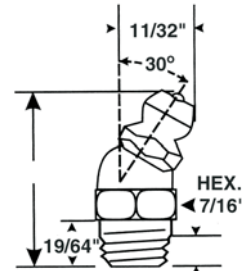
Part No. Z830A

100 pieces

Part No. Z830-K

1000 pieces

Weight 1000 pcs. 21 lbs.



1/8" P.T. 45°

Part No. Z845-V

5 pieces

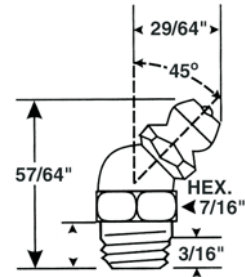
Part No. Z845A

100 pieces

Part No. Z845-K

1000 pieces

Weight 1000 pcs. 20.3 lbs.



1/8" P.T. 65°

Part No. Z865-V

5 pieces

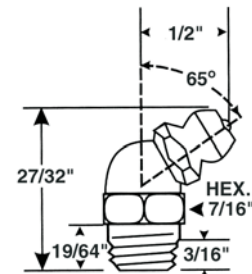
Part No. Z865A

100 pieces

Part No. Z865-K

1000 pieces

Weight 1000 pcs. 21.7 lbs.



1/8" P.T. 90°

Part No. Z890-V

5 pieces

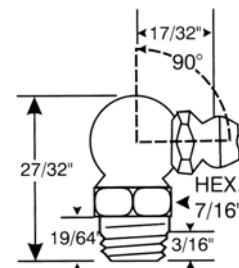
Part No. Z890A

100 pieces

Part No. Z890-K

1000 pieces

Weight 1000 pcs. 29.8 lbs.

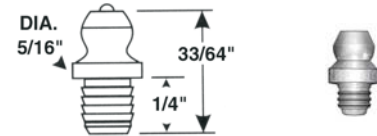


## Drive-In Grease Fittings with Ball Check

3/16" Drive-In (Use 3/16" Drill Bit)

|                        |                       |                        |
|------------------------|-----------------------|------------------------|
| <b>Part No. Z316-V</b> | <b>Part No. Z316A</b> | <b>Part No. Z316-K</b> |
| 5 pieces               | 100 pieces            | 1000 pieces            |

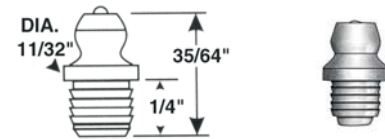
Weight 1000 pcs. 5.3 lbs.



1/4" Drive-In (Use 1/4" Drill Bit)

|                       |                      |                       |
|-----------------------|----------------------|-----------------------|
| <b>Part No. Z14-V</b> | <b>Part No. Z14A</b> | <b>Part No. Z14-K</b> |
| 5 pieces              | 100 pieces           | 1000 pieces           |

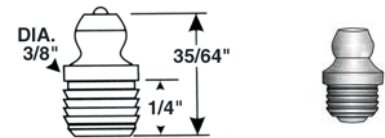
Weight 1000 pcs. 7.3 lbs.



5/16" Drive-In (Use 5/16" Drill Bit)

|                        |                       |                        |
|------------------------|-----------------------|------------------------|
| <b>Part No. Z516-V</b> | <b>Part No. Z516A</b> | <b>Part No. Z516-K</b> |
| 5 pieces               | 100 pieces            | 1000 pieces            |

Weight 1000 pcs. 9.5 lbs.



3/8" Drive-In (Use 3/8" Drill Bit)

|                       |                      |                       |
|-----------------------|----------------------|-----------------------|
| <b>Part No. Z38-V</b> | <b>Part No. Z38A</b> | <b>Part No. Z38-K</b> |
| 5 pieces              | 100 pieces           | 1000 pieces           |

Weight 1000 pcs. 11 lbs.



## Rubber Grease Gun Whip Hose

| Part No. | Qty / Pkg | Length |
|----------|-----------|--------|
| WH12-S   | pkg/1 bag | 12"    |
| WH12-X   | pkg/10    | 12"    |
| WH18-S   | pkg/1 bag | 18"    |
| WH18-X   | pkg/10    | 18"    |
| WH24-S   | pkg/1 bag | 24"    |
| WH24-X   | pkg/10    | 24"    |
| WH36-S   | pkg/1 bag | 36"    |
| WH36-X   | pkg/10    | 36"    |



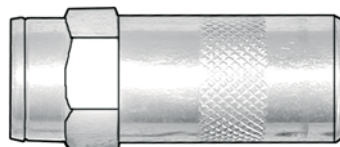
10,000 PSI burst pressure  
rubber hose 1/8" NPTF

Warning: For use with  
hand-operated grease  
gun only

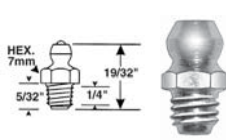
## 4 Jaw Grease Gun Coupler with Ball Check

Provides quick, positive, leakproof  
connection with grease fittings.

| Part No.  | Description       | Qty / Pkg |
|-----------|-------------------|-----------|
| GG701BC-S | Coupler 1/8" NPTF | pkg/1     |
| GG701BC-X | Coupler 1/8" NPTF | pkg/10    |



## 6mm x 1mm Taper Metric Grease Fittings with Ball Check



6mm Straight

Part No. ZMS6-V

5 pieces

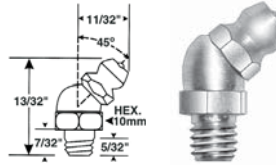
Part No. ZMS6A

100 pieces

Part No. ZMS6-K

1000 pieces

Weight 1000 pcs. 15 lbs.



6mm 45°

Part No. ZM456-V

5 pieces

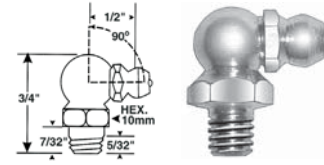
Part No. ZM456A

100 pieces

Part No. ZM456-K

1000 pieces

Weight 1000 pcs. 15 lbs.



6mm 90°

Part No. ZM906-V

5 pieces

Part No. ZM906A

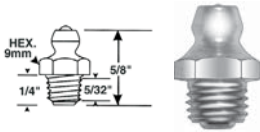
100 pieces

Part No. ZM906-K

1000 pieces

Weight 1000 pcs. 15 lbs.

## 8mm x 1mm Taper Metric Grease Fittings with Ball Check



8mm Straight

Part No. ZMS8-V

5 pieces

Part No. ZMS8A

100 pieces

Part No. ZMS8-K

1000 pieces

Weight 1000 pcs. 10 lbs.



8mm 45°

Part No. ZM458-V

5 pieces

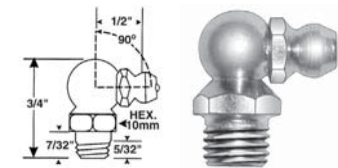
Part No. ZM458A

100 pieces

Part No. ZM458-K

1000 pieces

Weight 1000 pcs. 15 lbs.



8mm 90°

Part No. ZM908-V

5 pieces

Part No. ZM908A

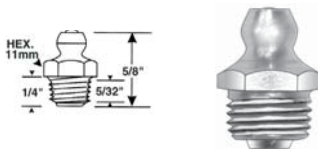
100 pieces

Part No. ZM908-K

1000 pieces

Weight 1000 pcs. 15 lbs.

## 10mm x 1mm Taper Metric Grease Fittings with Ball Check



10mm Straight

Part No. ZMS10-V

5 pieces

Part No. ZMS10A

100 pieces

Part No. ZMS10-K

1000 pieces

Weight 1000 pcs. 14 lbs.



10mm 45°

Part No. ZM4510-V

5 pieces

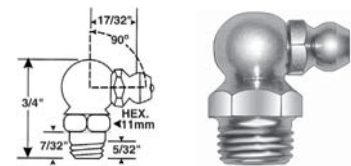
Part No. ZM4510A

100 pieces

Part No. ZM4510-K

1000 pieces

Weight 1000 pcs. 20 lbs.



10mm 90°

Part No. ZM9010-V

5 pieces

Part No. ZM9010A

100 pieces

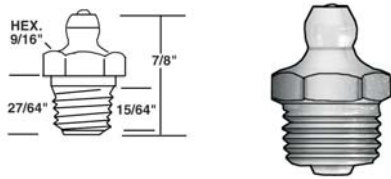
Part No. ZM9010-K

1000 pieces

Weight 1000 pcs. 20 lbs.



## 1/4" P.T. Thread Grease w/ Ball



1/4" P.T. Straight

**Part No. Z900-V**

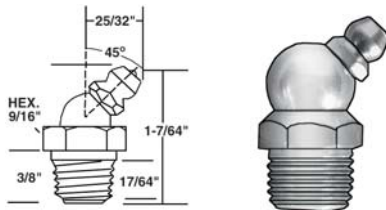
5 pieces

**Part No. Z900A**

100 pieces

**Part No. Z900-K**

1000 pieces



1/4" P.T. 45°

**Part No. Z945-V**

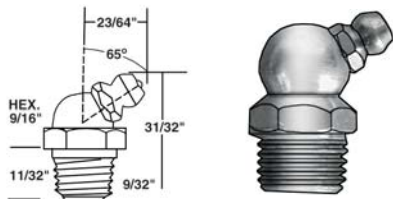
5 pieces

**Part No. Z945A**

100 pieces

**Part No. Z945-K**

1000 pieces



1/4" P.T. 65°

**Part No. Z965-V**

5 pieces

**Part No. Z965A**

100 pieces

**Part No. Z965-K**

1000 pieces

## Drill Size Selection

| Part No.   | Tap Drill Selection for Standard Thread Fittings |
|------------|--|
| 1/4" - 28  | #3 (For Soft Metal; Use #5)                      |
| 5/16" - 32 | 9/32" (For Soft Metal; Use #J)                   |
| 1/8" Pipe  | 11/32" (For Soft Metal; Use #R)                  |
| 1/4" Pipe  | 7/16"  |

## Decimal Equivalent Chart

| Fraction | Decimal | Fraction | Decimal |
|----------|---------|----------|---------|
| 1/64     | .01563  | 33/64    | .51563  |
| 1/32     | .03125  | 17/32    | .53125  |
| 3/64     | .04687  | 35/64    | .54688  |
| 1/16     | .0625   | 9/16     | .56250  |
| 5/64     | .07813  | 37/64    | .57813  |
| 1/32     | .09375  | 19/32    | .59375  |
| 7/64     | .10937  | 39/64    | .60938  |
| 1/8      | .125    | 5/8      | .625    |
| 9/64     | .14063  | 41/64    | .64063  |
| 5/32     | .15625  | 21/32    | .65625  |
| 11/64    | .17188  | 43/64    | .67188  |
| 3/16     | .1875   | 11/16    | .6875   |
| 13/64    | .20313  | 45/64    | .70313  |
| 7/32     | .21875  | 23/32    | .71875  |
| 15/64    | .23438  | 47/64    | .73438  |
| 1/4      | .25     | 3/4      | .750    |
| 17/64    | .26563  | 49/64    | .76563  |
| 9/32     | .28125  | 25/32    | .78125  |
| 19/64    | .29688  | 51/64    | .79688  |
| 5/16     | .3125   | 13/16    | .8125   |
| 21/64    | .32813  | 53/64    | .82813  |
| 11/32    | .34375  | 27/32    | .84375  |
| 23/64    | .35938  | 55/64    | .85938  |
| 3/8      | .375    | 7/8      | .875    |
| 25/64    | .39063  | 57/64    | .89063  |
| 13/32    | .40625  | 29/32    | .90625  |
| 27/64    | .42188  | 59/64    | .92188  |
| 7/16     | .4375   | 15/16    | .9375   |
| 29/64    | .45313  | 61/64    | .95313  |
| 15/32    | .46875  | 31/32    | .96875  |
| 11/64    | .48438  | 63/64    | .97438  |
| 1/2      | .50     | 1        | 1.0000  |

## Grease Fitting Cross Reference

| Mize Part No.                    | Description                 | Alemite | Lincoln | Kingfisher | UMETA   |
|----------------------------------|-----------------------------|---------|---------|------------|---------|
| <b>1/4-28 Grease Fittings</b>    |                             |         |         |            |         |
| Z400-K                           | 1/4-28 Straight             | 1641-B  | 5010    | 201641     | 5546030 |
| Z400-34-K                        | 1/4-28 Straight 11/16" Long | 1652-B  | 5013    | 201652     | 5546032 |
| Z400-1-K                         | 1/4-28 Straight 15/16" Long | 1680-B  | 5014    | 201680     | 5546034 |
| Z445-K                           | 1/4-28 45 degree            | 1637-B1 | 5210    | 211637     | 5546040 |
| Z465-K                           | 1/4-28 65 degree            | 3010-B4 | 5311    | 211665     | 5546042 |
| Z490-K                           | 1/4-28 90 degree            | 1911-B1 | 5410    | 211911     | 5546044 |
| <b>1/8" P.T. Grease Fittings</b> |                             |         |         |            |         |
| Z800-K                           | 1/8" p.t. Straight          | 1610-BL | 5000    | 201610     | 5546006 |
| Z800-1-K                         | 1/8" p.t. Straight          | 1607-B  | 5003    | 201607     | 5546010 |
| Z830-K                           | 1/8" p.t. 30 degree         | 1611-B  | 5100    | N/A        | 5546152 |
| Z845-K                           | 1/8" p.t. 45 degree         | 1688-B  | 5200    | 211688     | 5546017 |
| Z865-K                           | 1/8" p.t. 65 degree         | 1612-B  | 5300    | 211612     | 5546018 |
| Z890-K                           | 1/8" p.t. 90 degree         | 1613-B  | 5400    | 211613     | 5546024 |
| <b>1/4" P.T. Grease Fittings</b> |                             |         |         |            |         |
| Z900-K                           | 1/4" p.t. Straight          | 1627-B  | 5050    | 201627     | 5546028 |
| Z945-K                           | 1/4" p.t. 45 degree         | N/A     | N/A     | N/A        | N/A     |
| Z965-K                           | 1/4" p.t. 65 degree         | 1629-B  | 5350    | 211629     | N/A     |
| <b>Drive-In Grease Fittings</b>  |                             |         |         |            |         |
| Z316-K                           | 3/16" Drive-In Straight     | 1728-B  | 5033    | 201729     | 5546064 |
| Z14-K                            | 1/4" Drive-In Straight      | 1743-B  | 5029    | 201743     | 5546068 |
| Z516-K                           | 5/16" Drive-In Straight     | 1608-B  | 5031    | 201608     | 5546074 |
| Z38-K                            | 3/8" Drive-In Straight      | 1666    | 5036    | N/A        | 5546078 |
| Z9014-K                          | 1/4" Drive-In 90 degree     | N/A     | N/A     | N/A        | N/A     |
| <b>Metric Grease Fittings</b>    |                             |         |         |            |         |
| ZMS6-K                           | 6 mm Straight               | 2106    | 5175    | 608601     | 5546092 |
| ZM456-K                          | 6 mm 45 degree              | 2107    | 5176    | 617045     | 5546098 |
| ZM906-K                          | 6 mm 90 degree              | 2108    | 5177    | 617090     | 5546100 |
| ZMS8-K                           | 8 mm Straight               | 2103    | 5178    | 608901     | 5546094 |
| ZM458-K                          | 8 mm 45 degree              | 2104    | 5179    | 617445     | 1200907 |
| ZM908-K                          | 8 mm 90 degree              | 2105    | 5180    | 617490     | 5546102 |
| ZMS10-K                          | 10 mm Straight              | 2109    | 5181    | 609301     | 5546096 |
| ZM4510-K                         | 10 m degree                 | 2110    | 5182    | 619345     | 1201109 |
| ZM9010-K                         | 10 mm 90 degree             | 2111    | 5183    | 619390     | 1301109 |
| <b>Flush Fittings</b>            |                             |         |         |            |         |
| Z4516-K                          | 1/4-28 Straight             | 1851    | 700392  | N/A        | 5546046 |
| <b>Thread-Forming Fittings</b>   |                             |         |         |            |         |
| Z1400-K                          | 1/4-28 Straight Self Taping | 3038-B  | 205010  | N/A        | 5546046 |
| Z1445-K                          | 1/4-28 45 degree Straight   | 3053-B  | 205210  | N/A        | 5546048 |
| Z1490-K                          | 1/4-28 90 degree Straight   | 3054-B  | 205410  | N/A        | 5546050 |

