

# AUTOMOTIVE

---

## HARDWARE



# AUTOMOTIVE HARDWARE

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### AUTOMOTIVE HARDWARE

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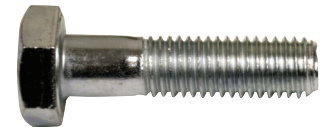
# STANDARD FASTENERS

## STANDARD - GRADE 5

### Hex Bolts

| Part No.        | Hardware Type | Thread Size | Length | Grade | Box Qty. |
|-----------------|---------------|-------------|--------|-------|----------|
| <b>1/4"-2</b>   |               |             |        |       |          |
| 1001            | USS Hex Bolt  | 1/4"-20     | 1/2"   | 5     | 50       |
| 1002            | USS Hex Bolt  | 1/4"-20     | 3/4"   | 5     | 50       |
| 1003            | USS Hex Bolt  | 1/4"-20     | 1"     | 5     | 50       |
| 1005            | USS Hex Bolt  | 1/4"-20     | 1-1/2" | 5     | 25       |
| 1006            | USS Hex Bolt  | 1/4"-20     | 2"     | 5     | 25       |
| <b>5/16"-18</b> |               |             |        |       |          |
| 1025            | USS Hex Bolt  | 5/16"-18    | 1-3/4" | 5     | 25       |
| 1026            | USS Hex Bolt  | 5/16"-18    | 3/4"   | 5     | 25       |
| 1027            | USS Hex Bolt  | 5/16"-18    | 1"     | 5     | 25       |
| 1028            | USS Hex Bolt  | 5/16"-18    | 1-1/2" | 5     | 25       |
| 1029            | USS Hex Bolt  | 5/16"-18    | 2"     | 5     | 15       |
| 1030            | USS Hex Bolt  | 5/16"-18    | 1-1/4" | 5     | 20       |
| 1031            | USS Hex Bolt  | 5/16"-18    | 2-1/2" | 5     | 20       |
| 1032            | USS Hex Bolt  | 5/16"-18    | 3"     | 5     | 20       |
| <b>3/8"-16</b>  |               |             |        |       |          |
| 1052            | USS Hex Bolt  | 3/8"-16     | 3/4"   | 5     | 20       |
| 1053            | USS Hex Bolt  | 3/8"-16     | 1"     | 5     | 25       |
| 1054            | USS Hex Bolt  | 3/8"-16     | 1-1/4" | 5     | 25       |
| 1055            | USS Hex Bolt  | 3/8"-16     | 1-1/2" | 5     | 25       |
| 1057            | USS Hex Bolt  | 3/8"-16     | 1-3/4" | 5     | 10       |
| 1058            | USS Hex Bolt  | 3/8"-16     | 2"     | 5     | 15       |
| 1059            | USS Hex Bolt  | 3/8"-16     | 2-1/2" | 5     | 10       |
| 1060            | USS Hex Bolt  | 3/8"-16     | 2-1/4" | 5     | 10       |
| 1061            | USS Hex Bolt  | 3/8"-16     | 3"     | 5     | 10       |
| <b>1/2"-13</b>  |               |             |        |       |          |
| 1101            | USS Hex Bolt  | 1/2"-13     | 1"     | 5     | 10       |
| 1102            | USS Hex Bolt  | 1/2"-13     | 1-1/2" | 5     | 10       |
| 1103            | USS Hex Bolt  | 1/2"-13     | 2"     | 5     | 10       |
| 1104            | USS Hex Bolt  | 1/2"-13     | 2-1/2" | 5     | 6        |
| 1105            | USS Hex Bolt  | 1/2"-13     | 3"     | 5     | 5        |
| <b>7/16"-14</b> |               |             |        |       |          |
| 1201            | USS Hex Bolt  | 7/16"-14    | 1"     | 5     | 10       |
| 1202            | USS Hex Bolt  | 7/16"-14    | 1-1/4" | 5     | 10       |
| 1203            | USS Hex Bolt  | 7/16"-14    | 1-1/2" | 5     | 10       |
| 1204            | USS Hex Bolt  | 7/16"-14    | 2"     | 5     | 8        |
| 1205            | USS Hex Bolt  | 7/16"-14    | 2-1/2" | 5     | 8        |
| 1206            | USS Hex Bolt  | 7/16"-14    | 3"     | 5     | 5        |

### Nut & Bolt Hardware Shop Fastener Program



# STANDARD FASTENERS

## STANDARD - GRADE 5

### Hex Nuts

| Part No. | Hardware Type | Thread Size | Length | Grade | Box Qty. |
|----------|---------------|-------------|--------|-------|----------|
| 1076     | USS Hex Nut   | 1/4"-20     | 7/32"  | 5     | 100      |
| 1077     | USS Hex Nut   | 5/16"-18    | 17/64" | 5     | 100      |
| 1078     | USS Hex Nut   | 3/8"-16     | 5/16"  | 5     | 50       |
| 1301     | USS Hex Nut   | 7/16"-14    | 3/8"   | 5     | 25       |
| 1302     | USS Hex Nut   | 1/2"-13     | 7/16"  | 5     | 25       |



### Flat Washers

| Part No. | Hardware Type               | Thread Size | Box Qty. |
|----------|-----------------------------|-------------|----------|
| 1084     | USS Flat Washer             | 1/4"        | 100      |
| 1085     | USS Flat Washer             | 5/16"       | 100      |
| 1086     | USS Flat Washer Zinc Plated | 3/8"        | 50       |
| 1401     | USS Flat Washer             | 7/16"       | 30       |
| 1402     | USS Flat Washer             | 1/2"        | 30       |



### Lock Washers

| Part No. | Hardware Type   | Thread Size | Box Qty. |
|----------|-----------------|-------------|----------|
| 1093     | USS Lock Washer | 1/4"        | 100      |
| 1094     | USS Lock Washer | 5/16"       | 100      |
| 1095     | USS Lock Washer | 3/8"        | 50       |
| 1501     | USS Lock Washer | 7/16"       | 30       |
| 1502     | USS Lock Washer | 1/2"        | 30       |



### Cotter Pins

| Part No. | Size         | Box Qty. |
|----------|--------------|----------|
| 3010     | 1/16 x 1     | 50       |
| 3014     | 3/32 x 1     | 100      |
| 3015     | 3/32 x 1-1/4 | 100      |
| 3016     | 3/32 x 1-1/2 | 100      |
| 3024     | 1/8 x 1      | 100      |
| 3025     | 1/8 x 1-1/4  | 100      |
| 3026     | 1/8 x 1-1/2  | 100      |
| 3027     | 1/8 x 2      | 100      |
| 3028     | 5/32 x 1-1/2 | 50       |
| 3029     | 5/32 x 2     | 50       |
| 3030     | 3/16 x 2     | 50       |



# METRIC FASTENERS

## METRIC - GRADE 8

### Hex Bolts

| Part No.        | Hardware Type   | Thread Size | Length | Grade | Box Qty. |
|-----------------|-----------------|-------------|--------|-------|----------|
| <b>M6-1.00</b>  |                 |             |        |       |          |
| 2000            | Metric Hex Bolt | M6-1.0      | 12mm   | 8.8   | 50       |
| 2001            | Metric Hex Bolt | M6-1.0      | 12mm   | 8.8   | 50       |
| 2002            | Metric Hex Bolt | M6-1.0      | 16mm   | 8.8   | 50       |
| 2003            | Metric Hex Bolt | M6-1.0      | 20mm   | 8.8   | 50       |
| 2004            | Metric Hex Bolt | M6-1.0      | 25mm   | 8.8   | 25       |
| 2005            | Metric Hex Bolt | M6-1.0      | 30mm   | 8.8   | 25       |
| 2006            | Metric Hex Bolt | M6-1.0      | 35mm   | 8.8   | 15       |
| 2007            | Metric Hex Bolt | M6-1.0      | 40mm   | 8.8   | 20       |
| 2008            | Metric Hex Bolt | M6-1.0      | 45mm   | 8.8   | 20       |
| <b>M8-1.25</b>  |                 |             |        |       |          |
| 2026            | Metric Hex Bolt | M8-1.25     | 12mm   | 8.8   | 25       |
| 2027            | Metric Hex Bolt | M8-1.25     | 16mm   | 8.8   | 25       |
| 2028            | Metric Hex Bolt | M8-1.25     | 20mm   | 8.8   | 25       |
| 2029            | Metric Hex Bolt | M8-1.25     | 25mm   | 8.8   | 25       |
| 2030            | Metric Hex Bolt | M8-1.25     | 30mm   | 8.8   | 25       |
| 2031            | Metric Hex Bolt | M8-1.25     | 35mm   | 8.8   | 15       |
| 2032            | Metric Hex Bolt | M8-1.25     | 40mm   | 8.8   | 10       |
| 2033            | Metric Hex Bolt | M8-1.25     | 50mm   | 8.8   | 10       |
| 2034            | Metric Hex Bolt | M8-1.25     | 60mm   | 8.8   | 10       |
| 2035            | Metric Hex Bolt | M8-1.25     | 45mm   | 8.8   | 10       |
| 2036            | Metric Hex Bolt | M8-1.25     | 75mm   | 8.8   | 10       |
| <b>M10-1.50</b> |                 |             |        |       |          |
| 2052            | Metric Hex Bolt | M10-1.50    | 10mm   | 8.8   | 10       |
| 2053            | Metric Hex Bolt | M10-1.50    | 20mm   | 8.8   | 25       |
| 2054            | Metric Hex Bolt | M10-1.50    | 25mm   | 8.8   | 25       |
| 2055            | Metric Hex Bolt | M10-1.50    | 30mm   | 8.8   | 25       |
| 2056            | Metric Hex Bolt | M10-1.50    | 35mm   | 8.8   | 15       |
| 2057            | Metric Hex Bolt | M10-1.50    | 40mm   | 8.8   | 8        |
| 2058            | Metric Hex Bolt | M10-1.50    | 50mm   | 8.8   | 8        |
| 2059            | Metric Hex Bolt | M10-1.50    | 60mm   | 8.8   | 8        |
| 2060            | Metric Hex Bolt | M10-1.50    | 70mm   | 8.8   | 8        |
| 2069            | Metric Hex Bolt | M10-1.50    | 60mm   | 8.8   | 8        |

### Nut & Bolt Hardware Shop Fastener Program



# METRIC FASTENERS

## METRIC - GRADE 8

### Hex Nuts

| Part No. | Size             | Box Qty. |
|----------|------------------|----------|
| 2073     | M10-1.25 (Fine)  | 50       |
| 2074     | 5mm-.80          | 100      |
| 2076     | M6-1.00          | 100      |
| 2077     | M8-1.25          | 100      |
| 2078     | M10-1.5 (Coarse) | 50       |
| 2079     | M12-1.75         | 50       |



### Flat Washers

| Part No. | Size | Box Qty. |
|----------|------|----------|
| 2084     | 5mm  | 100      |
| 2085     | M6   | 100      |
| 2086     | M8   | 100      |
| 2087     | M10  | 100      |



### Lock Washers

| Part No. | Size | Box Qty. |
|----------|------|----------|
| 2093     | M6   | 100      |
| 2094     | M8   | 100      |
| 2095     | M10  | 100      |



# GREASE FITTINGS

## STANDARD GREASE FITTINGS

| Part No.                | Size   | Angle          | Pkg Qty. |
|-------------------------|--------|----------------|----------|
| <b>1/8" Pipe Thread</b> |        |                |          |
| DY-1861                 | 1/8    | Straight       | 10       |
| DY-1862                 | 1/8    | 45°            | 10       |
| DY-1863                 | 1/8    | 90°            | 10       |
| <b>1/4-28 SAE</b>       |        |                |          |
| DY-1851                 | 1/4-28 | Straight-Short | 10       |
| DY-1852                 | 1/4-28 | 45°            | 10       |
| DY-1853                 | 1/4-28 | 90°            | 10       |
| DY-1854                 | 1/4-28 | Straight-Long  | 10       |



## METRIC GREASE FITTINGS

| Part No.               | Size    | Angle    | Pkg Qty. |
|------------------------|---------|----------|----------|
| <b>Metric-Straight</b> |         |          |          |
| DY-1855                | M6-1.0  | Straight | 10       |
| DY-1865                | M8-1.0  | Straight | 10       |
| DY-1896                | M10-1.0 | Straight | 10       |
| <b>Metric-45°</b>      |         |          |          |
| DY-1856                | M6-1.0  | 45°      | 10       |
| DY-1866                | M8-1.0  | 45°      | 10       |
| DY-1897                | M10-1.0 | 45°      | 10       |
| <b>Metric-90°</b>      |         |          |          |
| DY-1857                | M6-1.0  | 90°      | 10       |
| DY-1867                | M8-1.0  | 90°      | 10       |
| DY-1898                | M10-1.0 | 90°      | 10       |



### Available Assortment:



#### 1/4-28 SAE Grease Fitting Assortment No. DY-GFA-1

- 4 part numbers
- 60 total pieces



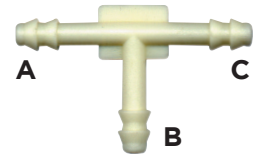
#### Metric Grease Fitting Assortment No. DY-GFA-2

- 9 part numbers
- 90 total pieces

# VACUUM CONNECTORS

## VACUUM CONNECTORS

| Part No.              | A    | B    | C    | Pkg Qty. |
|-----------------------|------|------|------|----------|
| <b>Tee Connectors</b> |      |      |      |          |
| DY-3001B              | 1/8  | 1/8  | 1/8  | 10       |
| DY-3002B              | 3/16 | 3/16 | 3/16 | 10       |
| DY-3003B              | 1/4  | 1/4  | 1/4  | 10       |
| DY-3004B              | 5/16 | 5/16 | 5/16 | 10       |
| DY-3005B              | 3/8  | 3/8  | 3/8  | 10       |
| DY-3006B              | 3/16 | 1/8  | 3/16 | 10       |
| DY-3007B              | 1/8  | 1/8  | 3/16 | 10       |
| DY-3008B              | 1/4  | 1/4  | 3/16 | 10       |
| DY-3009B              | 3/16 | 3/16 | 1/4  | 10       |
| DY-3010B              | 3/16 | 3/16 | 1/8  | 10       |
| DY-3011B              | 3/8  | 1/4  | 3/8  | 10       |
| DY-3012B              | 5/32 | 5/32 | 5/32 | 10       |
| <b>Hose Splice</b>    |      |      |      |          |
| DY-3013B              | 1/8  | 1/8  | -    | 10       |
| DY-3014B              | 3/16 | 3/16 | -    | 10       |
| DY-3015B              | 1/4  | 1/4  | -    | 10       |
| DY-3016B              | 5/16 | 5/16 | -    | 10       |
| DY-3017B              | 3/8  | 3/8  | -    | 10       |
| DY-3018B              | 1/8  | 3/16 | -    | 10       |
| DY-3019B              | 1/8  | 1/4  | -    | 10       |
| DY-3020B              | 3/16 | 1/4  | -    | 10       |
| DY-3021B              | 3/8  | 1/4  | -    | 10       |



## VACUUM CAPS

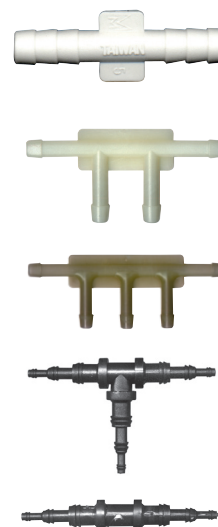
| Part No.              | Tube ID | Pkg Qty. |
|-----------------------|---------|----------|
| <b>Tee Connectors</b> |         |          |
| DY-3025B              | 3/16    | 10       |
| DY-3026B              | 1/4     | 10       |
| DY-3029B              | 5/16    | 10       |
| DY-3030B              | 3/8     | 10       |
| DY-3031B              | 1/8     | 10       |



# VACUUM CONNECTORS

## VACUUM CONNECTORS

| Part No.                                                                     | Tube ID        | Box Qty. |
|------------------------------------------------------------------------------|----------------|----------|
| <b>Restrictor Connector</b>                                                  |                |          |
| Used on many Ford and GM systems to prevent gasoline flow into vacuum lines. |                |          |
| DY-3022B                                                                     | 3/16"          | 10       |
| <b>Four-Way Tee</b>                                                          |                |          |
| For Ford and GM                                                              |                |          |
| DY-3023B                                                                     | 3/16"          | 10       |
| <b>Five-Way Tee</b>                                                          |                |          |
| For Ford                                                                     |                |          |
| DY-3024B                                                                     | 3/16"          | 10       |
| <b>Universal Breakaway Tee</b>                                               |                |          |
| DY-3027B                                                                     | 1/8"-1/4"-3/8" | 10       |
| <b>Universal Breakaway Connector</b>                                         |                |          |
| DY-3028B                                                                     | 1/8"-1/4"-3/8" | 10       |



## DYNAMIC - VACUUM CONNECTOR ASSORTMENTS

Each assortment comes in a durable plastic case that keeps all of the fittings organized and easy to find. The detailed lid insert identifies each fitting with a graphic reference and size. Reorder part numbers, quantities and UPC codes are also shown.

### Available Assortments:

See Automotive Service Parts Assortment Catalog for specific part numbers and quantities



### Vacuum Tee & Connectors Assortment No. DY-VT-235

Assortment contains most popular vacuum connectors. Included are tee connectors, splice connectors and vacuum caps.

- 24 part numbers
- 18 total pieces

# HOSE CLAMPS

## STANDARD HOSE CLAMPS

| Part No.                                           | SAE Size | Min Dia | Max Dia | Box Qty. |
|----------------------------------------------------|----------|---------|---------|----------|
| <b>2000 Series 1/2" Band</b>                       |          |         |         |          |
| All Stainless Steel                                |          |         |         |          |
| HC2-6S                                             | #6       | 7/16    | 25/32   | 10       |
| HC2-8S                                             | #8       | 1/2     | 29/32   | 10       |
| HC2-10S                                            | #10      | 9/16    | 1-1/16  | 10       |
| HC2-12S                                            | #12      | 11/16   | 1-1/4   | 10       |
| HC2-16S                                            | #16      | 13/16   | 1-1/2   | 10       |
| HC2-20S                                            | #20      | 13/16   | 1-3/4   | 10       |
| HC2-24S                                            | #24      | 1-1/16  | 2       | 10       |
| HC2-28S                                            | #28      | 1-5/16  | 2-1/4   | 10       |
| HC2-32S                                            | #32      | 1-9/16  | 2-1/2   | 10       |
| HC2-36S                                            | #36      | 1-13/16 | 2-3/4   | 10       |
| <b>2300 Series 1/2" Band</b>                       |          |         |         |          |
| Stainless Steel Band & Housing - Zinc Plated Screw |          |         |         |          |
| HC2-6P                                             | #6       | 7/16    | 25/32   | 10       |
| HC2-8P                                             | #8       | 1/2     | 29/32   | 10       |
| HC2-10P                                            | #10      | 9/16    | 1-1/16  | 10       |
| HC2-12P                                            | #12      | 11/16   | 1-1/4   | 10       |
| HC2-16P                                            | #16      | 13/16   | 1-1/2   | 10       |
| HC2-20P                                            | #20      | 13/16   | 1-3/4   | 10       |
| HC2-24P                                            | #24      | 1-1/16  | 2       | 10       |
| HC2-28P                                            | #28      | 1-5/16  | 2-1/4   | 10       |
| HC2-32P                                            | #32      | 1-9/16  | 2-1/2   | 10       |
| HC2-36P                                            | #36      | 1-13/16 | 2-3/4   | 10       |
| <b>3300 Series 9/16" Band</b>                      |          |         |         |          |
| Stainless Steel Band & Housing - Zinc Plated Screw |          |         |         |          |
| HC3-6P                                             | #6       | 7/16    | 25/32   | 10       |
| HC3-8P                                             | #8       | 1/2     | 29/32   | 10       |
| HC3-10P                                            | #10      | 9/16    | 1-1/16  | 10       |
| HC3-12P                                            | #12      | 11/16   | 1-1/4   | 10       |
| HC3-16P                                            | #16      | 13/16   | 1-1/2   | 10       |
| HC3-20P                                            | #20      | 13/16   | 1-3/4   | 10       |
| HC3-24P                                            | #24      | 1-1/16  | 2       | 10       |
| HC3-28P                                            | #28      | 1-5/16  | 2-1/4   | 10       |
| HC3-32P                                            | #32      | 1-9/16  | 2-1/2   | 10       |
| HC3-36P                                            | #36      | 1-13/16 | 2-3/4   | 10       |



# HOSE CLAMPS

## MINI HOSE CLAMPS

| Part No.                                           | SAE Size | Min Dia | Max Dia | Box Qty. |
|----------------------------------------------------|----------|---------|---------|----------|
| <b>1000 Series 5/16" Band</b>                      |          |         |         |          |
| All Stainless Steel                                |          |         |         |          |
| HCM-4S                                             | #4       | 7/32    | 5/8     | 10       |
| HCM-6S                                             | #6       | 7/16    | 25/32   | 10       |
| <b>1300 Series 5/16" Band</b>                      |          |         |         |          |
| Stainless Steel Band & Housing - Zinc Plated Screw |          |         |         |          |
| HCM-4P                                             | #4       | 7/32    | 5/8     | 10       |
| HCM-6P                                             | #6       | 7/16    | 25/32   | 10       |



## FUEL INJECTOR HOSE CLAMPS

| Part No.                                                                        | SAE Size | Min Dia | Max Dia | Box Qty. |
|---------------------------------------------------------------------------------|----------|---------|---------|----------|
| <b>1110 Series 5/16" Band</b>                                                   |          |         |         |          |
| Zinc Plated, Non-Perforated, Rolled Edge Band with Nut & Bolt Tightening Design |          |         |         |          |
| HCM-4F                                                                          | #4       | 1/4     | -       | 10       |
| HCM-6F                                                                          | #6       | 5/16    | -       | 10       |
| HCM-8F                                                                          | #8       | 3/8     | -       | 10       |

