# HOSE and FITTINGS

## QUICK REFERENCE GUIDE

<table>
<thead>
<tr>
<th>ITEM</th>
<th>DETAILS</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADAPTORS</td>
<td>- ADAPTORS and UNIONS</td>
<td>293 - 294</td>
</tr>
<tr>
<td>ALUMINIUM LINES</td>
<td>- UNIVERSAL, OEM REPLACEMENT</td>
<td>289 - 290</td>
</tr>
<tr>
<td>CLAMPS and FERRULES</td>
<td>- HOSE CLAMPS, TIE-DOWN CLAMPS, HOSE FERRULES</td>
<td>295</td>
</tr>
<tr>
<td>GROMMETS</td>
<td>- UNIVERSAL HOSE GROMMETS</td>
<td>310</td>
</tr>
<tr>
<td>HOSE</td>
<td>- EVAPORATOR DRAIN HOSE</td>
<td>287</td>
</tr>
<tr>
<td></td>
<td>- REFRIGERANT HOSE</td>
<td>287 - 288</td>
</tr>
<tr>
<td>HOSE ASSEMBLIES</td>
<td>- OEM REPLACEMENT</td>
<td>289 - 290</td>
</tr>
<tr>
<td>HOSE FITTINGS</td>
<td>- IDENTIFICATION: TYPES, SPECIFICATIONS</td>
<td>291 - 292</td>
</tr>
<tr>
<td></td>
<td>- BARB</td>
<td>301 - 307</td>
</tr>
<tr>
<td></td>
<td>- aluminium</td>
<td>303 - 307</td>
</tr>
<tr>
<td></td>
<td>- with access ports</td>
<td>305</td>
</tr>
<tr>
<td></td>
<td>- steel</td>
<td>295</td>
</tr>
<tr>
<td></td>
<td>- captive o-ring</td>
<td>296</td>
</tr>
<tr>
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<td>- with access ports</td>
<td>300 - 302</td>
</tr>
<tr>
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<td>- steel</td>
<td>299 - 300</td>
</tr>
<tr>
<td></td>
<td>- weld-on</td>
<td>296</td>
</tr>
<tr>
<td></td>
<td>- BULKHEAD</td>
<td>307</td>
</tr>
<tr>
<td></td>
<td>- QUICK DISCONNECT</td>
<td>307</td>
</tr>
<tr>
<td>O-RINGS</td>
<td>- SPRINGLOCK, SPRINGLOCK REPAIR KITS</td>
<td>308 - 309</td>
</tr>
<tr>
<td>PROTECTION</td>
<td>- HOSE FITTING O-RINGS</td>
<td>310 - 311</td>
</tr>
<tr>
<td>REPLACEMENT NUTS</td>
<td>- HOSE INSULATION AND PROTECTION</td>
<td>311</td>
</tr>
<tr>
<td>SPLICERS</td>
<td>- STANDARD, WELD-ON</td>
<td>309 - 310</td>
</tr>
<tr>
<td>SPRINGS</td>
<td>- HOSE SPLICERS</td>
<td>312 - 313</td>
</tr>
<tr>
<td>WASHERS</td>
<td>- SPRINGLOCK GARTER SPRINGS</td>
<td>313</td>
</tr>
<tr>
<td></td>
<td>- COPPER FLARE WASHERS</td>
<td>313</td>
</tr>
</tbody>
</table>
**Hose: Evaporator and Drain**

**HOSE: EVAPORATOR and DRAIN**

**EVAPORATOR DRAIN HOSE**
BULK (Min. order: 1m)

HO-10130 - 13 mm (1/2") BLACK

**EVAPORATOR DRAIN HOSE**
MOULDED HOSE WITH 90 deg. BEND
13 mm DIA. - 400 mm LONG

HO-12130

**Hose: Refrigerant - Standard**

**STANDARD HOSE SPECIFICATIONS**

Goodyear Standard Nylon Barrier Hose: Galaxy #4824

**GENERAL SPECIFICATIONS**

- SAE SPECIFICATION - SAE - J51B; SAE - J2064
- CONSTRUCTION - 2 - BRAID WITH NYLON BARRIER TUBE
- MINIMUM BURST PRESSURE - No. 6, No. 8 & No. 10: 2000 psi. No. 12: 1750 psi
- MAXIMUM CONSTANT WORKING PRESSURE - No. 6, No. 8 & No. 10: 500 psi. No. 12: 425 psi
- REFRIGERANT SUITABILITY - R134a; R-12; R-22; R-502; MP52
- HOSE FITTING SUITABILITY - STANDARD BARB AND CAPTIVE FERRULE FITTINGS

**HOSE END SECTIONS ARE SHOWN ACTUAL SIZE**

<table>
<thead>
<tr>
<th>PART No.</th>
<th>SIZE</th>
<th>INTERNAL DIAMETER</th>
<th>TYPE</th>
<th>ROLL SIZE</th>
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<td>No. 6</td>
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**NOTE: MINIMUM ORDER QUANTITY FOR BULK HOSE IS 5 METRES.**
**THIN - WALL HOSE SPECIFICATIONS**

**Goodyear Thin-Wall Nylon Barrier Hose: Galaxy #4860**

**GENERAL SPECIFICATIONS**

- **SAE SPECIFICATION** - SAE - J51B; SAE - J2064
- **CONSTRUCTION** - SINGLE BRAID POLYESTER, WITH NYLON BARRIER TUBE
- **MINIMUM BURST PRESSURE**
  - No. 6, No. 8 & No. 10: 2000 psi
  - No. 12: 1750 psi
- **MAXIMUM CONSTANT WORKING PRESSURE**
  - No. 6, No. 8 & No. 10: 500 psi
  - No. 12: 425 psi
- **REFRIGERANT SUITABILITY** - R134a; R-12; R-22; R-502; MP52
- **HOSE FITTING SUITABILITY** - THIN-WALL BEADLOCK FITTINGS

*NOTE: REQUIRES SPECIAL DIES - SEE NOTE BELOW.*

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**Important Note**

Galaxy 4860 reduced-diameter (thin-wall) requires special crimping dies. The following dies are for use with TO-75602 Crimping Tool.

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<th>SIZE</th>
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*NOTE: MINIMUM ORDER QUANTITY FOR BULK HOSE IS 5 METRES.*
### ALUMINIUM LINES: UNIVERSAL

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<td>HO-25020</td>
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</table>

### Hose Assemblies: Universal

#### OEM: VEHICLE APPLICATION GUIDE

Example of an OEM replacement hose assembly (HO-33496 illustrated)

<table>
<thead>
<tr>
<th>VEHICLE - MODEL - CODE - ENGINE</th>
<th>HOSE / LINE TYPE</th>
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<th>PART No.</th>
<th>OEM REFERENCE</th>
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<th>TYPE</th>
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HOSE FITTINGS: BASIC TYPES

Steel Barb Fitting

Steel Barb Fitting
ALL PLATED STEEL CONSTRUCTION FOR USE WITH HOSE CLAMPS OR MINICRIMP FERRULES.
DESIGNED FOR USE WITH R-12

Aluminium Barb Fitting

Aluminium Barb Fitting
USUALLY ALUMINIUM WITH STEEL NUT, OR ALL PLATED STEEL.
FOR USE WITH HOSE CLAMPS OR MINICRIMP FERRULES.
DESIGNED FOR USE WITH R-12

Beadlock Fitting

Beadlock Fitting
USUALLY ALUMINIUM WITH STEEL FERRULE AND NUT.
SPECIFICALLY DESIGNED FOR USE WITH THE BEADLOCK BUBBLE CRIMPER. DESIGNED FOR USE WITH R134a

Pad Fitting

Pad Fitting
USUALLY ALUMINIUM.
FOR USE WITH R-12 OR R134a

Re-usable Fitting

Re-usable Fitting
NO CRIMPING REQUIRED.
USUALLY PLATED STEEL.
FOR USE WITH R-12 OR R134a
### BASIC TYPES - SPECIFICATIONS

#### 1. Female Flare (FF) SAE - 45°

**SCREWS ONTO MALE FLARE (MF) FITTINGS**

<table>
<thead>
<tr>
<th>FITTING SIZE</th>
<th>THREAD TYPE</th>
<th>SHANK DIAMETER</th>
<th>TAIL DIAMETER</th>
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<tbody>
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<td>No. 6</td>
<td>18 - UNF</td>
<td>3/8&quot; (10mm)</td>
<td>5/16&quot; (8mm)</td>
</tr>
<tr>
<td>No. 8</td>
<td>16 - UNF</td>
<td>1/2&quot; (13mm)</td>
<td>13/32&quot; (10mm)</td>
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<tr>
<td>No. 10</td>
<td>14 - UNF</td>
<td>5/8&quot; (16mm)</td>
<td>1/2&quot; (13mm)</td>
</tr>
<tr>
<td>No. 12</td>
<td>14 - UNF</td>
<td>3/4&quot; (19mm)</td>
<td>5/8&quot; (16mm)</td>
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**NOTE:** METRIC MEASUREMENTS ARE APPROXIMATE.

#### 2. Male Flare (MF) SAE - 45°

**SCREWS INTO FEMALE FLARE (FF) FITTINGS**

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<th>TAIL DIAMETER</th>
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<td>1/2&quot; (13mm)</td>
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<tr>
<td>No. 10</td>
<td>14 - UNF</td>
<td>7/8&quot; (22mm)</td>
<td>5/8&quot; (16mm)</td>
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<td>No. 12</td>
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<td>1-1/16&quot; (27mm)</td>
<td>3/4&quot; (19mm)</td>
<td>5/8&quot; (16mm)</td>
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**NOTE:** METRIC MEASUREMENTS ARE APPROXIMATE.

#### 3. Female O-Ring (FOR)

**SCREWS ONTO MALE INSERT O-RING (MIOR) FITTINGS**

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<th>FITTING SIZE</th>
<th>THREAD TYPE</th>
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<td>No. 8</td>
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<td>No. 10</td>
<td>14 - UNF</td>
<td>5/8&quot; (16mm)</td>
<td>1/2&quot; (13mm)</td>
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<td>No. 12</td>
<td>14 - UNF</td>
<td>3/4&quot; (19mm)</td>
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**NOTE:** METRIC MEASUREMENTS ARE APPROXIMATE.

#### 4. Female O-Ring (FOR) - Metric

**SCREWS ONTO MALE INSERT O-RING (MIOR) METRIC THREAD FITTINGS**

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<th>FITTING SIZE</th>
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<th>TAIL DIAMETER</th>
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<tr>
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**NOTES:** METRIC MEASUREMENTS ARE APPROXIMATE.

#### 5. Male O-Ring (MOR)

**SCREWS INTO FEMALE O-RING TX VALVES AND DRIERS (NOT FEMALE O-RING FITTINGS).**

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<th>THREAD TYPE</th>
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<th>SHANK DIAMETER</th>
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<td>13/32&quot; (10mm)</td>
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<td>No. 12</td>
<td>14 - UNF</td>
<td>1-1/16&quot; (27mm)</td>
<td>3/4&quot; (19mm)</td>
<td>5/8&quot; (16mm)</td>
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**NOTE:** METRIC MEASUREMENTS ARE APPROXIMATE.

#### 6. Male Insert O-Ring (MIOR)

**SCREWS INTO FEMALE O-RING (FOR) FITTINGS.**

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<th>THREAD TYPE</th>
<th>THREAD DIAMETER</th>
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<td>3/4&quot; (19mm)</td>
<td>5/8&quot; (16mm)</td>
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**NOTE:** METRIC MEASUREMENTS ARE APPROXIMATE.
**Hose Fittings: Adaptors and Unions**

### ADAPTORS: FLARE to O-RING

- **HA-45356** #6 FF - #6 MIOR
  - (Converts a male flare fitting to male insert O-RING)
- **HA-45358** #8 FF - #8 MIOR
- **HA-45360** #10 FF - #10 MIOR
- **HA-45446** #6 FF - #6 MCIOR
  - (Converts a female flare to female captive insert O-RING)
- **HA-45448** #8 FF - #8 MCIOR
- **HA-45450** #10 FF - #10 MCIOR
- **HA-46465** #6 FF - #5 MIOR
  - (Converts 6 male flare to #5 male insert O-RING)
- **HA-45756** #5 MIOR - #6 MIOR
  - (Includes #5 mushroom)

### MALE INSERT O-RING - MALE FLARE

- **HA-45666** (single) #6 MIOR - #6 MF
- **HA-45666-6** (pack of 6) #6 MIOR - #6 MF
- **HA-46688** (single) #8 MIOR - #8 MF
- **HA-46688-6** (pack of 6) #8 MIOR - #8 MF
- **HA-45690** (single) #10 MIOR - #10 MF
- **HA-45690-6** (pack of 6) #10 MIOR - #10 MF
- **HA-45692** (single) #12 MIOR - #12 MF
  - (Converts a male insert O-RING fitting to male flare)

### ADAPTORS: Metric / Imperial

**Imperial to Metric**
- **HA-46516** No. 6 IMPERIAL MF to 16 mm METRIC MIOR
- **HA-46520** No. 8 IMPERIAL MF to 20 mm METRIC MIOR
- **HA-83956** No. 6 IMPERIAL MIOR to No. 6 METRIC MIOR
- **HA-83963** No. 10 IMPERIAL MIOR to No. 10 METRIC MIOR

**Metric to Imperial**
- **HA-83960** No. 6 METRIC MIOR to No. 6 IMPERIAL MIOR
- **HA-83970** No. 10 METRIC MIOR to No. 10 IMPERIAL MIOR

### MALE O-RING to FEMALE O-RING

- **HA-47267** #6 MOR - #7 FOR
  - (Converts #6 female O-RING drier to #7 female O-RING)
- **HA-47276** #7 MOR - #6 FOR
  - (Converts #7 female O-RING drier to #6 female O-RING)

### UNIONS & TEES: MALE INSERT O-RING

- **MALE TO MALE - MIOR**
  - **HA-83905** No. 5 MIOR - No. 5 MIOR
  - **HA-83906** No. 6 MIOR - No. 6 MIOR
  - **HA-83908** No. 8 MIOR - No. 8 MIOR
  - **HA-83910** No. 10 MIOR - No. 10 MIOR

- **MALE TO MALE MIOR REDUCING**
  - **HA-84106** No. 6 MIOR - No. 8 MIOR
  - **HA-84108** No. 8 MIOR - No. 10 MIOR

- **MALE INSERT O-RING (MIOR) TEE**
  - **HA-84226** No. 6 MIOR TEE UNION
  - **HA-84230** No. 10 MIOR TEE UNION
**PAD FITTING ADAPTORS**

**Cooltemp Condenser Pad Fittings**

- **HA-47320** PAD BLANK-OFF
  (BLANKS OFF PAD FITTING)
- **HA-47366** PAD - # 6 MIOR
  (ADAPTS PAD FITTING TO # 6 MIOR)
- **HA-47368** PAD - # 8 MIOR
  (ADAPTS PAD FITTING TO # 8 MIOR)

**NOTE:** Refer to compressor spares section (page 113) for compressor pad fittings.

**UNIONS: MALE AND FEMALE FLARE**

- **STRAIGHT MALE TO MALE**
  - **HA-83500** No. 6 - 3/8” MF - MF
  - **HA-83525** No. 8 - 1/2” MF - MF
  - **HA-83552** No. 10 - 5/8” MF - MF

- **STRAIGHT MALE TO MALE REDUCING UNIONS**
  - **HA-83620** No. 6 - 3/8” MF to No. 4 - 1/4” MF
  - **HA-83645** No. 8 - 1/2” MF to No. 6 - 3/8” MF
  - **HA-83670** No.10 - 5/8” MF to No. 8 - 1/2” MF

- **STRAIGHT FEMALE TO MALE REDUCING UNIONS**
  - **HA-83766** No. 6 - 3/8” MF to No. 8 - 1/2” FF
  - **HA-83850** No. 8 - 1/2” MF to No. 10 - 5/8” FF

- **STRAIGHT MALE TO FEMALE REDUCING UNIONS**
  - **HA-83788** No. 8 - 1/2” MF to No. 6 - 3/8” FF
  - **HA-83868** No. 10 - 5/8” MF to No. 8 - 1/2” FF

- **FEMALE FLARE TO MALE FLARE SWIVEL UNION (STEEL)**
  - **HA-84760** No. 6 3/8” FF - No. 6 3/8” MF
  - **HA-84785** No. 8 1/2” FF - No. 8 1/2” MF
  - **HA-84820** No. 10 5/8” FF - No. 10 5/8” MF

**TEES AND SWIVEL UNIONS: O-RING**

- **FEMALE O-RING TO MIOR**
  - **HA-84146** No. 6 FOR - No. 6 MIOR
  - **HA-84148** No. 8 FOR - No. 8 MIOR
  - **HA-84150** No.10 FOR - No. 10 MIOR

- **FEMALE O-RING TO MIOR STEP - UP**
  - **HA-84368** No. 6 FOR - No. 8 MIOR
  - **HA-84380** No. 8 FOR - No. 10 MIOR
  - **HA-84382** No. 10 FOR - No. 12 MIOR

- **FEMALE O-RING TO MIOR STEP-DOWN**
  - **HA-84486** No. 8 FOR - No. 6 MIOR
  - **HA-84488** No. 10 FOR - No. 8 MIOR
  - **HA-84492** No. 12 FOR - No. 10 MIOR

- **FEMALE O-RING TO MALE INSERT O-RING SWIVEL UNION (STEEL)**
  - **HA-84866** No. 6 FOR - No. 6 MIOR
  - **HA-84888** No. 8 FOR - No. 8 MIOR
  - **HA-84910** No. 10 FOR - No. 10 MIOR
HOSE FITTING CLAMPS

HOSE CLAMP WITH DISTANCE PIECE
HC-48208: #6 - #8 HOSE
HC-48210: #10 - #12 HOSE

HOSE TIE-DOWN CLAMP FOR STANDARD HOSE
HC-48406: #6 ALUM. LINE
HC-48408: #8 ALUM. LINE
HC-48410: #10 ALUM. LINE

HOSE TIE-DOWN CLAMP FOR ALUMINIUM LINES
HC-48406: #6 ALUM. LINE
HC-48408: #8 ALUM. LINE
HC-48410: #10 ALUM. LINE

DUAL HOSE TIE-DOWN CLAMP FOR STANDARD HOSE
HC-48506: #6 HOSE
HC-48508: #8 HOSE
HC-48510: #10 & #12 HOSE

HC-48600

HOSE FITTING FERRULES

NOTES:
ATCO MINICRIMP FERRULES ARE DESIGNED FOR USE WITH SAE J51B REFRIGERANT HOSE AND STANDARD BARB TYPE FITTINGS.

Hose Fittings: Steel Barb

STEEL BARB HOSE FITTINGS - RYCO

Female Flare (FF) - Barb
HF-56046 No. 6 - 18 UNF STRAIGHT
HF-56048 No. 8 - 16 UNF STRAIGHT
HF-56050 No. 10 - 14 UNF STRAIGHT
HF-56086 No. 6 - 18 UNF 45 DEGREE
HF-56088 No. 8 - 16 UNF 45 DEGREE
HF-56090 No. 10 - 14 UNF 45 DEGREE
HF-56076 No. 6 - 18 UNF 90 DEGREE
HF-56078 No. 8 - 16 UNF 90 DEGREE
HF-56080 No. 10 - 14 UNF 90 DEGREE

Male O-Ring (MOR) - Barb
HF-56106 No. 6 - 18 UNF STRAIGHT
HF-56108 No. 8 - 16 UNF STRAIGHT
HF-56110 No. 10 - 14 UNF STRAIGHT
HF-56126 No. 6 - 18 UNF 90 DEGREE
HF-56128 No. 8 - 16 UNF 90 DEGREE
HF-56130 No. 10 - 14 UNF 90 DEGREE

Female O-Ring (FOR) - Barb
HF-56146 No. 6 - 18 UNF STRAIGHT
HF-56148 No. 8 - 16 UNF STRAIGHT
HF-56150 No. 10 - 14 UNF STRAIGHT
HF-56176 No. 6 - 18 UNF 90 DEGREE
HF-56178 No. 8 - 16 UNF 90 DEGREE
HF-56180 No. 10 - 14 UNF 90 DEGREE
## BEADLOCK WELD-ON FITTINGS

### Aluminium Weld-on Fittings
- **HF-56506** No. 6 HOSE to No. 6 PIPE
- **HF-56508** No. 8 HOSE to No. 8 PIPE
- **HF-56510** No. 10 HOSE to No. 10 PIPE
- **HF-56512** No. 12 HOSE to No. 12 PIPE
- **HF-56522** No. 12 HOSE to No. 12 PIPE

### Steel Weld-on Fittings
- **HF-56546** No. 6 HOSE to No. 6 PIPE
- **HF-56548** No. 8 HOSE to No. 8 PIPE
- **HF-56550** No. 10 HOSE to No. 10 PIPE
- **HF-56552** No. 12 HOSE to No. 12 PIPE
- **HF-56562** No. 12 HOSE to No. 12 PIPE

### ALUMINIUM BEADLOCK FITTINGS

#### Captive O-Ring

- **HF-57308** No. 8 (M22 METRIC) FEMALE STRAIGHT
- **HF-57310** No. 10 (M24 METRIC) FEMALE STRAIGHT
- **HF-57318** No. 8 (M22 METRIC) FEMALE 45 DEGREE
- **HF-57320** No. 10 (M24 METRIC) FEMALE 45 DEGREE
- **HF-57328** No. 8 (M22 METRIC) FEMALE 90 DEGREE
- **HF-57330** No. 10 (M24 METRIC) FEMALE 90 DEGREE

#### REDUCED BEADLOCK (for thin-wall hose)
- **HF-57508-R** No. 8 (M22 METRIC) FEMALE STRAIGHT
- **HF-57510-R** No. 10 (M24 METRIC) FEMALE STRAIGHT
- **HF-57518-R** No. 8 (M22 METRIC) FEMALE 45 DEGREE
- **HF-57520-R** No. 10 (M24 METRIC) FEMALE 45 DEGREE
- **HF-57528-R** No. 8 (M22 METRIC) FEMALE 90 DEGREE
- **HF-57530-R** No. 10 (M24 METRIC) FEMALE 90 DEGREE

### Female Flare (FF)

#### STRAIGHT STANDARD BEADLOCK (for standard hose)
- **HF-59106** No. 6 - 18 UNF STRAIGHT
- **HF-59108** No. 8 - 16 UNF STRAIGHT
- **HF-59110** No. 10 - 14 UNF STRAIGHT
- **HF-59112** No. 12 - 14 UNF STRAIGHT

#### 45° STANDARD BEADLOCK (for standard hose)
- **HF-59126** No. 6 - 18 UNF 45 DEGREE
- **HF-59128** No. 8 - 16 UNF 45 DEGREE
- **HF-59130** No. 10 - 14 UNF 45 DEGREE
- **HF-59132** No. 12 - 14 UNF 45 DEGREE

#### 90° STANDARD BEADLOCK (for standard hose)
- **HF-59136** No. 6 - 18 UNF 90 DEGREE
- **HF-59138** No. 8 - 16 UNF 90 DEGREE
- **HF-59140** No. 10 - 14 UNF 90 DEGREE
- **HF-59142** No. 12 - 14 UNF 90 DEGREE
### ALUMINIUM BEADLOCK FITTINGS

#### Female O-Ring (FOR)

<table>
<thead>
<tr>
<th>Type</th>
<th>Part Number</th>
<th>Specification</th>
<th>Angle</th>
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<tr>
<td><strong>STRAIGHT STANDARD BEADLOCK</strong> (for standard hose)</td>
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<td>HF-59226</td>
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<td><strong>45° STANDARD BEADLOCK</strong> (for standard hose)</td>
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<td>HF-59248</td>
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<td>HF-59272</td>
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#### STRAIGHT REDUCED BEADLOCK (for thin-wall hose)

<table>
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<td><strong>90° REDUCED BEADLOCK</strong> (for thin-wall hose)</td>
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<td>HF-59282-R</td>
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#### 180° STANDARD BEADLOCK (for standard hose)

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<td>HF-59292</td>
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#### Male Flare (MF)

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<th>Specification</th>
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<tr>
<td><strong>STRAIGHT STANDARD BEADLOCK</strong> (for standard hose)</td>
<td>HF-59306</td>
<td>No. 6 - 18 UNF STRAIGHT</td>
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<td>HF-59308</td>
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<td>HF-59310</td>
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<td>HF-59312</td>
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<td><strong>45° STANDARD BEADLOCK</strong> (for standard hose)</td>
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<td><strong>90° STANDARD BEADLOCK</strong> (for standard hose)</td>
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<td>HF-59352</td>
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**ALUMINIUM BEADLOCK FITTINGS**

**Male Insert O-ring (MIOR)**

**STRAIGHT STANDARD BEADLOCK** (for standard hose)
- HF-59376 No. 6 - 18 UNF STRAIGHT
- HF-59378 No. 8 - 16 UNF STRAIGHT
- HF-59380 No. 10 - 14 UNF STRAIGHT
- HF-59382 No. 12 - 14 UNF STRAIGHT

**45° STANDARD BEADLOCK** (for standard hose)
- HF-59386 No. 6 - 18 UNF 45 DEGREE
- HF-59388 No. 8 - 16 UNF 45 DEGREE
- HF-59390 No. 10 - 14 UNF 45 DEGREE
- HF-59392 No. 12 - 14 UNF 45 DEGREE

**90° STANDARD BEADLOCK** (for standard hose)
- HF-59406 No. 6 - 18 UNF 90 DEGREE
- HF-59408 No. 8 - 16 UNF 90 DEGREE
- HF-59410 No. 10 - 14 UNF 90 DEGREE
- HF-59412 No. 12 - 14 UNF 90 DEGREE

**Male O-ring (MOR)**

**STRAIGHT STANDARD BEADLOCK** (for standard hose)
- HF-59466 No. 6 - 18 UNF STRAIGHT
- HF-59468 No. 8 - 16 UNF STRAIGHT
- HF-59470 No. 10 - 14 UNF STRAIGHT
- HF-59472 No. 12 - 14 UNF STRAIGHT

**45° STANDARD BEADLOCK** (for standard hose)
- HF-59476 No. 6 - 18 UNF 45 DEGREE
- HF-59478 No. 8 - 16 UNF 45 DEGREE
- HF-59480 No. 10 - 14 UNF 45 DEGREE
- HF-59482 No. 12 - 14 UNF 45 DEGREE

**90° STANDARD BEADLOCK** (for standard hose)
- HF-59486 No. 6 - 18 UNF 90 DEGREE
- HF-59488 No. 8 - 16 UNF 90 DEGREE
- HF-59490 No. 10 - 14 UNF 90 DEGREE
- HF-59492 No. 12 - 14 UNF 90 DEGREE

**STRAIGHT REDUCED BEADLOCK** (for thin-wall hose)
- HF-59496-R No. 6 - 18 UNF STRAIGHT
- HF-59498-R No. 8 - 16 UNF STRAIGHT
- HF-59500-R No. 10 - 14 UNF STRAIGHT
- HF-59502-R No. 12 - 14 UNF STRAIGHT

**90° REDUCED BEADLOCK** (for thin-wall hose)
- HF-59506-R No. 6 - 18 UNF 90 DEGREE
- HF-59508-R No. 8 - 16 UNF 90 DEGREE
- HF-59510-R No. 10 - 14 UNF 90 DEGREE
- HF-59512-R No. 12 - 14 UNF 90 DEGREE

**ALUMINIUM BEADLOCK STARTER PACK**

**HF-59540-P**

Pack of 72 Popular Beadlock Fittings

**Contents:**
- 4 pcs HF-59106 No. 6 FF - straight
- 4 pcs HF-59108 No. 8 FF - straight
- 4 pcs HF-59110 No. 10 FF - straight
- 4 pcs HF-59126 No. 6 FF - 45 degree
- 4 pcs HF-59128 No. 8 FF - 45 degree
- 4 pcs HF-59130 No. 10 FF - 45 degree
- 4 pcs HF-59136 No. 6 FF - 90 degree
- 4 pcs HF-59138 No. 8 FF - 90 degree
- 4 pcs HF-59140 No. 10 FF - 90 degree
- 4 pcs HF-59226 No. 6 FOR - straight
- 4 pcs HF-59228 No. 8 FOR - straight
- 4 pcs HF-59230 No. 10 FOR - straight
- 4 pcs HF-59246 No. 6 FOR - 45 degree
- 4 pcs HF-59248 No. 8 FOR - 45 degree
- 4 pcs HF-59250 No. 10 FOR - 45 degree
- 4 pcs HF-59266 No. 6 FOR - 90 degree
- 4 pcs HF-59268 No. 8 FOR - 90 degree
- 4 pcs HF-59270 No. 10 FOR - 90 degree

**Total Package:** 72 pieces
Hose Fittings: Beadlock

**ALUMINIUM BEADLOCK FITTINGS - METRIC**

**Female O-ring (FOR) Metric**

- **STRAIGHT STANDARD BEADLOCK** (for standard hose)
  - HF-59546: No. 6 M16 - 1.5 STRAIGHT
  - HF-59549: No. 8 M20 - 1.5 STRAIGHT
  - HF-59551: No. 10 M24 - 1.5 STRAIGHT
  - HF-59552: No. 12 M27 - 1.5 STRAIGHT
- **45° STANDARD BEADLOCK** (for standard hose)
  - HF-59556: No. 6 M16 - 1.5 45 DEGREE
  - HF-59559: No. 8 M20 - 1.5 45 DEGREE
  - HF-59561: No. 10 M24 - 1.5 45 DEGREE
  - HF-59562: No. 12 M27 - 1.5 45 DEGREE
- **90° STANDARD BEADLOCK** (for standard hose)
  - HF-59566: No. 6 M16 - 1.5 90 DEGREE
  - HF-59569: No. 8 M20 - 1.5 90 DEGREE
  - HF-59571: No. 10 M24 - 1.5 90 DEGREE
  - HF-59572: No. 12 M27 - 1.5 90 DEGREE

**Note:** The fittings listed above are the most common metric fittings; others are available on request.

**STainless STEEL BEADLOCK HOSE FITTINGS**

**Female Flare (FF)**

- **STRAIGHT STANDARD BEADLOCK** (for standard hose)
  - HF-59606: No. 6 - 18 UNF STRAIGHT
  - HF-59608: No. 8 - 16 UNF STRAIGHT
  - HF-59610: No. 10 - 14 UNF STRAIGHT
- **45° STANDARD BEADLOCK** (for standard hose)
  - HF-59626: No. 6 - 18 UNF 45 DEGREE
  - HF-59628: No. 8 - 16 UNF 45 DEGREE
  - HF-59630: No. 10 - 14 UNF 45 DEGREE
- **90° STANDARD BEADLOCK** (for standard hose)
  - HF-59636: No. 6 - 18 UNF 90 DEGREE
  - HF-59638: No. 8 - 16 UNF 90 DEGREE
  - HF-59640: No. 10 - 14 UNF 90 DEGREE
  - HF-59642: No. 12 - 14 UNF 90 DEGREE

**Female O-Ring (FOR)**

- **STRAIGHT STANDARD BEADLOCK** (for standard hose)
  - HF-59726: No. 6 - 18 UNF STRAIGHT
  - HF-59728: No. 8 - 16 UNF STRAIGHT
  - HF-59730: No. 10 - 14 UNF STRAIGHT
  - HF-59732: No. 12 - 14 UNF STRAIGHT
- **45° REDUCED BEADLOCK** (for thin-wall hose)
  - HF-59746-R: No. 6 - 18 UNF 45 DEGREE
  - HF-59748-R: No. 8 - 16 UNF 45 DEGREE
  - HF-59750-R: No. 10 - 14 UNF 45 DEGREE
  - HF-59752-R: No. 12 - 14 UNF 45 DEGREE
- **90° REDUCED BEADLOCK** (for thin-wall hose)
  - HF-59786-R: No. 6 - 18 UNF 90 DEGREE
  - HF-59788-R: No. 8 - 16 UNF 90 DEGREE
  - HF-59790-R: No. 10 - 14 UNF 90 DEGREE
  - HF-59792-R: No. 12 - 14 UNF 90 DEGREE

**Male Insert O-Ring (MIOR)**

- **STRAIGHT STANDARD BEADLOCK** (for standard hose)
  - HF-59906: No. 6 - 18 UNF STRAIGHT
  - HF-59908: No. 8 - 16 UNF STRAIGHT
  - HF-59910: No. 10 - 14 UNF STRAIGHT

**Note:** The fittings listed above are the most common metric fittings; others are available on request.
HOSE and HOSE FITTINGS

Highgate Automotive Air Conditioning Catalogue

Hose Fittings: Beadlock

STEEL BEADLOCK FITTINGS

Male O-ring (MOR)

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<th>STRAIGHT STANDARD BEADLOCK</th>
<th>STRAIGHT REDUCED BEADLOCK</th>
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<td>HF-59968 No. 8 - 16 UNF STRAIGHT</td>
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<tr>
<td>HF-59970 No. 10 - 14 UNF STRAIGHT</td>
<td>HF-59970-R No. 10 - 14 UNF STRAIGHT</td>
</tr>
<tr>
<td>HF-59972 No. 12 - 14 UNF STRAIGHT</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>45° STANDARD BEADLOCK</th>
<th>90° STANDARD BEADLOCK</th>
</tr>
</thead>
<tbody>
<tr>
<td>HF-59976 No. 6 - 18 UNF 45 DEGREE</td>
<td>HF-59986 No. 6 - 18 UNF 90 DEGREE</td>
</tr>
<tr>
<td>HF-59978 No. 8 - 16 UNF 45 DEGREE</td>
<td>HF-59988 No. 8 - 16 UNF 90 DEGREE</td>
</tr>
<tr>
<td>HF-59980 No. 10 - 14 UNF 45 DEGREE</td>
<td>HF-59990 No. 10 - 14 UNF 90 DEGREE</td>
</tr>
<tr>
<td>HF-59982 No. 12 - 14 UNF 45 DEGREE</td>
<td>HF-59992 No. 12 - 14 UNF 90 DEGREE</td>
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</table>

<table>
<thead>
<tr>
<th>90° REDUCED BEADLOCK</th>
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</thead>
<tbody>
<tr>
<td>HF-59986-R No. 6 - 18 UNF 90 DEGREE</td>
</tr>
<tr>
<td>HF-59988-R No. 8 - 16 UNF 90 DEGREE</td>
</tr>
<tr>
<td>HF-59990-R No. 10 - 14 UNF 90 DEGREE</td>
</tr>
</tbody>
</table>

ALUMINIUM BEADLOCK WITH R12 ACCESS

Female Flare (FF)

<table>
<thead>
<tr>
<th>STRAIGHT STANDARD BEADLOCK</th>
</tr>
</thead>
<tbody>
<tr>
<td>HF-60106 No. 6 - 18 UNF STRAIGHT</td>
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<tr>
<td>HF-60110 No. 10 - 14 UNF STRAIGHT</td>
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</table>

<table>
<thead>
<tr>
<th>90° STANDARD BEADLOCK</th>
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<tbody>
<tr>
<td>HF-60116 No. 6 - 18 UNF 90 DEGREE</td>
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<tr>
<td>HF-60118 No. 8 - 16 UNF 90 DEGREE</td>
</tr>
<tr>
<td>HF-60120 No. 10 - 14 UNF 90 DEGREE</td>
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</table>

Beadlock Hose Fittings with Access

Female O-Ring (FOR)

<table>
<thead>
<tr>
<th>STRAIGHT STANDARD BEADLOCK</th>
<th>45° STANDARD BEADLOCK</th>
<th>90° STANDARD BEADLOCK</th>
</tr>
</thead>
<tbody>
<tr>
<td>HF-60166 No. 6 - 18 UNF STRAIGHT</td>
<td>HF-60176 No. 6 - 18 UNF 45 DEGREE</td>
<td>HF-60196 No. 6 - 18 UNF 90 DEGREE</td>
</tr>
<tr>
<td>HF-60168 No. 8 - 16 UNF STRAIGHT</td>
<td>HF-60178 No. 8 - 16 UNF 45 DEGREE</td>
<td>HF-60198 No. 8 - 16 UNF 90 DEGREE</td>
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<tr>
<td>HF-60170 No. 10 - 14 UNF STRAIGHT</td>
<td>HF-60180 No. 10 - 14 UNF 45 DEGREE</td>
<td>HF-60200 No. 10 - 14 UNF 90 DEGREE</td>
</tr>
</tbody>
</table>
**ALUMINIUM BEADLOCK with R134a ACCESS**

**Female Flare (FF)**

- **STRAIGHT STANDARD BEADLOCK**
  - (for standard hose)
  - HF-60206 No. 6 - 18 UNF
  - HF-60208 No. 8 - 16 UNF
  - HF-60210 No. 10 - 14 UNF

- **90° STANDARD BEADLOCK**
  - (for standard hose)
  - HF-60246 No. 6 - 18 UNF
  - HF-60248 No. 8 - 16 UNF
  - HF-60250 No. 10 - 14 UNF

**ALUMINIUM BEADLOCK with R134a ACCESS**

**Female O-Ring (FOR)**

- **STRAIGHT STANDARD BEADLOCK**
  - (for standard hose)
  - HF-60306 No. 6 - 18 UNF
  - HF-60308 No. 8 - 16 UNF
  - HF-60312 No. 12 - 14 UNF

- **45° STANDARD BEADLOCK**
  - (for standard hose)
  - HF-60326 No. 6 - 18 UNF
  - HF-60328 No. 8 - 16 UNF
  - HF-60330 No. 10 - 14 UNF

- **90° STANDARD BEADLOCK**
  - (for standard hose)
  - HF-60346 No. 6 - 18 UNF
  - HF-60348 No. 8 - 16 UNF
  - HF-60350 No. 10 - 14 UNF

- **STRAIGHT REDUCED BEADLOCK**
  - (for thin-wall hose)
  - HF-60316-R No. 6 - 18 UNF
  - HF-60318-R No. 8 - 16 UNF
  - HF-60320-R No. 10 - 14 UNF

**ALUMINIUM BEADLOCK STEP-UP: R134a ACCESS**

**Female O-Ring (FOR)**

- **STRAIGHT STANDARD BEADLOCK**
  - (for standard hose)
  - HF-60410 No. 10 - No.12 hose

- **STRAIGHT REDUCED BEADLOCK**
  - (for thin-wall hose)
  - HF-60410-R No. 10 - No.12 hose

**STEEL BEADLOCK WITH R134a ACCESS**

**Female Flare (FF)**

- **STRAIGHT STANDARD BEADLOCK**
  - (for standard hose)
  - HF-60506 No. 6 - 18 UNF STRAIGHT FEMALE FLARE
  - HF-60508 No. 8 - 16 UNF STRAIGHT FEMALE FLARE
  - HF-60510 No. 10 - 14 UNF STRAIGHT FEMALE FLARE
  - HF-60512 No. 12 - 14 UNF STRAIGHT FEMALE FLARE
HOSE and HOSE FITTINGS

Highgate Automotive Air Conditioning Catalogue

Beadlock Hose Fittings with Access

STEEL BEADLOCK WITH R134a ACCESS

Female O-Ring (FOR)

45° STANDARD BEADLOCK (for standard hose)
- HF-60606 No. 6 - 18 UNF 45 DEGREE
- HF-60608 No. 8 - 16 UNF 45 DEGREE
- HF-60610 No. 10 - 14 UNF 45 DEGREE

90° STANDARD BEADLOCK (for standard hose)
- HF-60616 No. 6 - 18 UNF 90 DEGREE
- HF-60618 No. 8 - 16 UNF 90 DEGREE
- HF-60620 No. 10 - 14 UNF 90 DEGREE
- HF-60622 No. 12 - 14 UNF 90 DEGREE

STEEL BEADLOCK STEP UP: R134a ACCESS

Female O-Ring (FOR)

90° STANDARD BEADLOCK (for standard hose)
- HF-60678 No. 8 - No.10 hose STEP - UP
- HF-60680 No.10 - No.12 hose STEP - UP

ALUMINIUM BEADLOCK FITTINGS: STEP - UP

Female Flare (FF)

STRAIGHT STANDARD BEADLOCK (for standard hose)
- HF-60770 No. 10 to No.12 hose

45° STANDARD BEADLOCK (for standard hose)
- HF-60780 No. 10 to No.12 hose

90° STANDARD BEADLOCK (for standard hose)
- HF-60786 No. 6 to No. 8 hose
- HF-60788 No. 8 to No.10 hose
- HF-60790 No.10 to No.12 hose

Female O-Ring (FOR)

STRAIGHT STANDARD BEADLOCK (for standard hose)
- HF-60896 No. 6 to No. 8 hose
- HF-60898 No. 8 to No.10 hose
- HF-60900 No. 10 to No.12 hose

45° STANDARD BEADLOCK (for standard hose)
- HF-60846 No. 6 to No. 8 hose
- HF-60848 No. 8 to No.10 hose
- HF-60850 No. 10 to No.12 hose

90° STANDARD BEADLOCK (for standard hose)
- HF-60986 No. 6 to No. 8 hose
- HF-60988 No. 8 to No.10 hose
- HF-60990 No. 10 to No.12 hose
Beadlock Hose Fittings with Access

ALUMINIUM BEADLOCK: STEP - DOWN

Female O-Ring (FOR)

STRAIGHT STANDARD BEADLOCK
(for standard hose)

HF-60958  No. 8 to No. 6 hose
HF-60960  No. 12 to No. 10 hose

90° STANDARD BEADLOCK
(for standard hose)

HF-61068  No. 8 to No. 6 hose
HF-61070  No. 12 to No. 10 hose

Hose Fittings: Barb - Aluminium

ALUMINIUM BARB HOSE FITTINGS

Female Flare (FF)

HF-61156  No. 6 - 18 UNF STRAIGHT
HF-61158  No. 8 - 16 UNF STRAIGHT
HF-61160  No. 10 - 14 UNF STRAIGHT
HF-61162  No. 12 - 14 UNF STRAIGHT

HF-61186  No. 6 - 18 UNF 45 DEGREE
HF-61188  No. 8 - 16 UNF 45 DEGREE
HF-61190  No. 10 - 14 UNF 45 DEGREE
HF-61192  No. 12 - 14 UNF 45 DEGREE

HF-61226  No. 6 - 18 UNF 90 DEGREE
HF-61228  No. 8 - 16 UNF 90 DEGREE
HF-61230  No. 10 - 14 UNF 90 DEGREE
HF-61232  No. 12 - 14 UNF 90 DEGREE

Male Flare (MF)

HF-61346  No. 6 - 18 UNF STRAIGHT
HF-61348  No. 8 - 16 UNF STRAIGHT
HF-61350  No. 10 - 14 UNF STRAIGHT
HF-61352  No. 12 - 14 UNF STRAIGHT

HF-61366  No. 6 - 18 UNF 45 DEGREE
HF-61368  No. 8 - 16 UNF 45 DEGREE
HF-61370  No. 10 - 14 UNF 45 DEGREE
HF-61372  No. 12 - 14 UNF 45 DEGREE

HF-61386  No. 6 - 18 UNF 90 DEGREE
HF-61388  No. 8 - 16 UNF 90 DEGREE
HF-61390  No. 10 - 14 UNF 90 DEGREE
HF-61392  No. 12 - 14 UNF 90 DEGREE

Female O-Ring (FOR)

HF-63505  No. 5 - 18 UNF STRAIGHT
HF-63506  No. 6 - 18 UNF STRAIGHT
HF-63508  No. 8 - 16 UNF STRAIGHT
HF-63510  No. 10 - 14 UNF STRAIGHT
HF-63512  No. 12 - 14 UNF STRAIGHT

HF-63545  No. 5 - 18 UNF 45 DEGREE
HF-63546  No. 6 - 18 UNF 45 DEGREE
HF-63548  No. 8 - 16 UNF 45 DEGREE
HF-63550  No. 10 - 14 UNF 45 DEGREE
HF-63552  No. 12 - 14 UNF 45 DEGREE

HF-63585  No. 5 - 18 UNF 90 DEGREE
HF-63586  No. 6 - 18 UNF 90 DEGREE
HF-63588  No. 8 - 16 UNF 90 DEGREE
HF-63590  No. 10 - 14 UNF 90 DEGREE
HF-63592  No. 12 - 14 UNF 90 DEGREE

90 degree FOR Short - Drop Fittings

HF-63958-S  No. 8 - 16 UNF 90 DEGREE
HF-63600-S  No. 10 - 14 UNF 90 DEGREE

HF-63606  No. 6 - 18 UNF 180 DEGREE
HF-63608  No. 8 - 16 UNF 180 DEGREE

#303
ALUMINIUM BARB HOSE FITTINGS

Female O-Ring (FOR) Metric

- HF-63856 No. 6 - 16mm x 1.5 STR.
- HF-63858 No. 8 - 20mm x 1.5 STR.
- HF-63866 No. 6 - 16mm x 1.5 45 DEG.
- HF-63868 No. 8 - 20mm x 1.5 45 DEG.
- HF-63886 No. 6 - 16mm x 1.5 90 DEG.
- HF-63888 No. 8 - 20mm x 1.5 90 DEG.

Male O-Ring (MOR)

- HF-64106 No. 6 - 18 UNF STRAIGHT
- HF-64108 No. 8 - 16 UNF STRAIGHT
- HF-64110 No. 10 - 14 UNF STRAIGHT
- HF-64112 No. 12 - 14 UNF STRAIGHT
- HF-64156 No. 6 - 18 UNF 45 DEGREE
- HF-64158 No. 8 - 16 UNF 45 DEGREE
- HF-64160 No. 10 - 14 UNF 45 DEGREE
- HF-64162 No. 12 - 14 UNF 45 DEGREE
- HF-64206 No. 6 - 18 UNF 90 DEGREE
- HF-64208 No. 8 - 16 UNF 90 DEGREE
- HF-64210 No. 10 - 14 UNF 90 DEGREE
- HF-64212 No. 12 - 14 UNF 90 DEGREE

Male Insert O-Ring (MIOR)

- HF-64806 No. 6 - 18 UNF STRAIGHT
- HF-64808 No. 8 - 16 UNF STRAIGHT
- HF-64810 No. 10 - 14 UNF STRAIGHT
- HF-64812 No. 12 - 14 UNF STRAIGHT
- HF-64846 No. 6 - 18 UNF 45 DEGREE
- HF-64848 No. 8 - 16 UNF 45 DEGREE
- HF-64850 No. 10 - 14 UNF 45 DEGREE
- HF-64852 No. 12 - 14 UNF 45 DEGREE
- HF-64876 No. 6 - 18 UNF 90 DEGREE
- HF-64878 No. 8 - 16 UNF 90 DEGREE
- HF-64880 No. 10 - 14 UNF 90 DEGREE
- HF-64882 No. 12 - 14 UNF 90 DEGREE

ALUMINIUM BARB: FAST MOVING PACK

HF-64940-P
Pack of 72 Popular Barb Fittings

Contents:

- 4 pcs HF-61156 No. 6 FF - straight
- 4 pcs HF-61158 No. 8 FF - straight
- 4 pcs HF-61160 No. 10 FF - straight
- 4 pcs HF-61186 No. 6 FF - 45 degree
- 4 pcs HF-61188 No. 8 FF - 45 degree
- 4 pcs HF-61190 No. 10 FF - 45 degree
- 4 pcs HF-61226 No. 6 FF - 90 degree
- 4 pcs HF-61228 No. 8 FF - 90 degree
- 4 pcs HF-61230 No. 10 FF - 90 degree
- 4 pcs HF-63506 No. 6 FOR - straight
- 4 pcs HF-63508 No. 8 FOR - straight
- 4 pcs HF-63510 No. 10 FOR - straight
- 4 pcs HF-63546 No. 6 FOR - 45 degree
- 4 pcs HF-63548 No. 8 FOR - 45 degree
- 4 pcs HF-63550 No. 10 FOR - 45 degree
- 4 pcs HF-63586 No. 6 FOR - 90 degree
- 4 pcs HF-63588 No. 8 FOR - 90 degree
- 4 pcs HF-63590 No. 10 FOR - 90 degree

Total: 72 pieces
ALUMINIUM BARB: STEP-UP FITTINGS

**Female O-Ring (FOR)**

- **STRAIGHT**
  - HF-66408 No. 6 FOR - No. 8 BARB
  - HF-66410 No. 8 FOR - No. 10 BARB
  - HF-66412 No.10 FOR - No. 12 BARB

- **90 DEGREE**
  - HF-66476 No. 6 FOR - No. 8 BARB
  - HF-66478 No. 8 FOR - No. 10 BARB
  - HF-66480 No.10 FOR - No. 12 BARB

**Male O-Ring (MOR)**

- **STRAIGHT**
  - HF-66608 No. 6 MOR - No. 8 BARB
  - HF-66610 No. 8 MOR - No. 10 BARB
  - HF-66612 No.10 MOR - No. 12 BARB

- **45 DEGREE**
  - HF-66648 No. 6 MOR - No. 8 BARB
  - HF-66650 No. 8 MOR - No. 10 BARB
  - HF-66652 No.10 MOR - No. 12 BARB

- **90 DEGREE**
  - HF-66676 No. 6 MOR - No. 8 BARB
  - HF-66680 No. 8 MOR - No. 10 BARB
  - HF-66682 No.10 MOR - No. 12 BARB

**Male Insert O-Ring (MIOR)**

- **STRAIGHT**
  - HF-66808 No. 6 MIOR - No. 8 BARB
  - HF-66810 No. 8 MIOR - No. 10 BARB
  - HF-66812 No.10 MIOR - No. 12 BARB

- **45 DEGREE**
  - HF-66848 No. 6 MIOR - No. 8 BARB
  - HF-66850 No. 8 MIOR - No. 10 BARB
  - HF-66852 No.10 MIOR - No. 12 BARB

- **90 DEGREE**
  - HF-66878 No. 6 MIOR - No. 8 BARB
  - HF-66880 No. 8 MIOR - No. 10 BARB
  - HF-66882 No.10 MIOR - No. 12 BARB

ALUMINIUM BARB: STEP-DOWN FITTINGS

**Female Flare (FF)**

- **STRAIGHT**
  - HF-67106 No. 8 FF - No. 6 BARB
  - HF-67108 No.10 FF - No. 8 BARB

- **45 DEGREE**
  - HF-67146 No. 8 FF - No. 6 BARB
  - HF-67148 No.10 FF - No. 8 BARB

- **90 DEGREE**
  - HF-67176 No. 8 FF - No. 6 BARB
  - HF-67178 No.10 FF - No. 8 BARB

**Female O-Ring (FOR)**

- **STRAIGHT**
  - HF-67406 No. 8 FOR - No. 6 BARB
  - HF-67408 No.10 FOR - No. 8 BARB
  - HF-67410 No.12 FOR - No. 10 BARB

- **90 DEGREE**
  - HF-67476 No. 8 FOR - No. 6 BARB
  - HF-67478 No.10 FOR - No. 8 BARB
  - HF-67480 No.12 FOR - No. 10 BARB
Hose Fittings: Bulkhead

ALUMINIUM BULKHEAD FITTINGS

Male Flare (MF) to Barb

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Thread Size</th>
<th>Degree</th>
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<tbody>
<tr>
<td>HF-70506</td>
<td>6 - 18 UNF</td>
<td>90</td>
</tr>
<tr>
<td>HF-70508</td>
<td>8 - 16 UNF</td>
<td>90</td>
</tr>
<tr>
<td>HF-70510</td>
<td>10 - 14 UNF</td>
<td>90</td>
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</table>

Male Insert O-Ring to Standard Beadlock (MIOR - BL)

<table>
<thead>
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<th>Part No.</th>
<th>Thread Size</th>
<th>Degree</th>
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</thead>
<tbody>
<tr>
<td>HF-71626</td>
<td>6 - 18 UNF</td>
<td>STRAIGHT</td>
</tr>
<tr>
<td>HF-71628</td>
<td>8 - 16 UNF</td>
<td>STRAIGHT</td>
</tr>
<tr>
<td>HF-71630</td>
<td>10 - 14 UNF</td>
<td>STRAIGHT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Thread Size</th>
<th>Degree</th>
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<tbody>
<tr>
<td>HF-71666</td>
<td>6 - 18 UNF</td>
<td>90</td>
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<tr>
<td>HF-71668</td>
<td>8 - 16 UNF</td>
<td>90</td>
</tr>
<tr>
<td>HF-71670</td>
<td>10 - 14 UNF</td>
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</tbody>
</table>

STEEL BULKHEAD FITTINGS

Male Insert O-Ring (MIOR-MIOR)

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<tr>
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<th>Thread Size</th>
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<tbody>
<tr>
<td>HF-71766</td>
<td>6 - 18 UNF</td>
<td>STRAIGHT</td>
</tr>
<tr>
<td>HF-71768</td>
<td>8 - 16 UNF</td>
<td>STRAIGHT</td>
</tr>
<tr>
<td>HF-71770</td>
<td>10 - 14 UNF</td>
<td>STRAIGHT</td>
</tr>
<tr>
<td>HF-71772</td>
<td>12 - 14 UNF</td>
<td>STRAIGHT</td>
</tr>
</tbody>
</table>

Hose Fittings: Quick - Disconnect

QUICK - DISCONNECT FITTINGS

Beadlock to Female Quick-Disconnect

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>HF-71926</td>
<td>BEADLOCK TO FEMALE QUICK-DISCONNECT</td>
</tr>
<tr>
<td>HF-71930</td>
<td>BEADLOCK TO FEMALE QUICK-DISCONNECT</td>
</tr>
</tbody>
</table>

MIOR Bulkhead Quick-Disconnect

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
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<tbody>
<tr>
<td>HF-71966</td>
<td>MIOR BULKHEAD QUICK-DISCONNECT</td>
</tr>
<tr>
<td>HF-71970</td>
<td>MIOR BULKHEAD QUICK-DISCONNECT</td>
</tr>
</tbody>
</table>
ALUMINIUM SPRINGLOCK FITTINGS

Female Springlock (FS)

Hose Fittings: Springlock

Male Springlock (MS)

Hose Fittings: Springlock Repair

SPRINGLOCK FITTING REPAIR KITS

Springlock Repair Kit

HELPS PREVENT LEAKS IN SPRINGLOCK FITTINGS. SUPPLIED COMPLETE WITH REPLACEMENT O-RINGS AND GARTER SPRING.

HF-72206 No. 6
HF-72208 No. 8
HF-72210 No. 10
HF-72212 No. 12

NOTE

THIS SINGLE PIECE REPAIR KIT REPLACES THE EARLIER METAL FOUR-PIECE TYPE. THE NEW NYLON SINGLE PIECE TYPE IS EASIER TO USE.
Hose Fittings: Springlock

**SPRINGLOCK FITTINGS: STEP - DOWN**

**Female SL Step - Down**
- Straight Female Step-Down
  - Straight Standard Beadlock (for standard hose)
    - HF-72506 No. 8 SL - No. 6 B/LOCK
  - 45° Standard Beadlock (for standard hose)
    - HF-72516 No. 8 SL - No. 6 B/LOCK
  - 90° Standard Beadlock (for standard hose)
    - HF-72526 No. 8 SL - No. 6 B/LOCK

**Male SL Step - Down**
- Straight Male Step-Down
  - Straight Standard Beadlock (for standard hose)
    - HF-72566 No. 8 SL - No. 6 B/LOCK
  - 45° Standard Beadlock (for standard hose)
    - HF-72576 No. 8 SL - No. 6 B/LOCK
  - 90° Standard Beadlock (for standard hose)
    - HF-72586 No. 8 SL - No. 6 B/LOCK

**SPRINGLOCK FITTINGS: STEP - UP**

**Female SL Step - Up**
- Straight Female Step-Up
  - Straight Standard Beadlock (for standard hose)
    - HF-72612 No. 10 SL - No. 12 B/LOCK
  - 45° Standard Beadlock (for standard hose)
    - HF-72622 No. 10 SL - No. 12 B/LOCK
  - 90° Standard Beadlock (for standard hose)
    - HF-72632 No. 10 SL - No. 12 B/LOCK

**Male SL Step - Up**
- Straight Male Step-Up
  - Straight Standard Beadlock (for standard hose)
    - HF-72770 No. 10 SL - No. 12 B/LOCK
  - 45° Standard Beadlock (for standard hose)
    - HF-72780 No. 10 SL - No. 12 B/LOCK
  - 90° Standard Beadlock (for standard hose)
    - HF-72790 No. 10 SL - No. 12 B/LOCK

**Hose Fittings: Nuts - Female**

**REPLACEMENT NUTS: FEMALE FITTINGS**
- Std. Female Flare Replacement Nut
  - HFN-73156 No. 6 - 18 UNF F-FLARE
  - HFN-73158 No. 8 - 16 UNF F-FLARE
  - HFN-73160 No. 10 - 14 UNF F-FLARE

- Std. Female O-ring Replacement Nut
  - HFN-73506 No. 6 - 18 UNF FOR
  - HFN-73508 No. 8 - 16 UNF FOR
  - HFN-73510 No. 10 - 14 UNF FOR
Hose Fittings: Male Fittings

Replacement Nuts: Male Fittings

- Std. Male Insert O-ring Replacement Nut
  - HFN-73706 No. 6
  - HFN-73708 No. 8
  - HFN-73710 No. 10

- Weld-on Captive O-Ring Fitting Replacement Nut
  - HFN-73786 M16 x 1.5 8.20 mm pipe
  - HFN-73788 M22 x 1.5 12.95 mm pipe
  - HFN-73790 M24 x 1.5 16.00 mm pipe

- Weld-on Male Insert O-Ring Replacement Nut
  - HFN-73805 No. 5
  - HFN-73806 No. 6
  - HFN-73808 No. 8
  - HFN-73810 No. 10

- Std. Male O-ring Replacement Nut
  - HFN-73906 No. 6
  - HFN-73908 No. 8
  - HFN-73910 No. 10

Hose Fittings: Grommets

Universal Hose Grommet

HG-41137 Universal Grommet
Suits: No. 6, 8 & 10 Refrigerant Hose
Dia: 45 mm OD; suits 35 mm dia. hole

Hose Fittings: O-Rings

Hose Fitting O-Rings

- Standard Hose Fitting O-Rings
  - No. 5: HO-75525 PK of 20
  - No. 6: HO-75526 PK of 20
  - No. 7: HO-75527 PK of 20
  - No. 8: HO-75528 PK of 20
  - No. 10: HO-75530 PK of 20
  - No. 12: HO-75532 PK of 20

- Nippon-Denso Fitting O-Rings
  - No. 5 (thin): NIPPON DENSO #5 (THIN) HO-75605 PK of 20
  - No. 5 (8 mm): NIPPON DENSO #5 (8mm) HO-75625 PK of 20
  - No. 8: NIPPON DENSO #8 (1/2") HO-75638 PK of 20
  - No. 10: NIPPON DENSO #10 (5/8") HO-75650 PK of 20

- Captive O-ring Fitting O-Rings
  - No. 6: HO-75766 PK of 20
  - No. 8: HO-75768 PK of 20
  - No. 10: HO-75770 PK of 20
  - No. 12: HO-75772 PK of 20

- Pad Fitting O-Rings
  - HO-75860 PK of 20
  - PAD FITTING (FITS COOLTEMP, EA, EB FALCON AND SOME OTHERS

All O-rings are shown actual size.
All the above O-rings are green HNBR and are R134a compatible.
HOSE FITTING O-RING ASSORTMENT

SKO - 26134
STANDARD HOSE FITTING O-RING ASSORTMENT

CONTENTS:
- No. 5 - 50 pcs
- No. 6 - 50 pcs
- No. 8 - 50 pcs
- No. 10 - 50 pcs
- No. 12 - 20 pcs

All O-Rings are Green HNBR.
See pages 349 to 350 for O-Ring Maintenance Service Assortments.

REFER TO PAGE 346 FOR A COMPLETE RANGE OF O-RING AND MAINTENANCE ASSORTMENTS

O-RING COMPATIBILITY

Not all O-Rings are suitable for R134a and some other refrigerants and blends. The following information may be useful:

- NBR - R-12, R22, most chlorofluorocarbons, not suitable for R134a systems.
- HNBR - R-12, R134a, most CFC and HFC refrigerants and blends.
- Neoprene - R-12, R134a, most CFC and HFC refrigerants and blends.
- Nitrile - R-12, R134a, most CFC and HFC refrigerants and blends.

(Nitrile is only considered suitable for R134a up to 250°F.)

Colour Code:
- HNBR - usually green
- Neoprene - usually black or blue
- NBR - usually black
- Nitrile - usually black

Notes:
1. Neoprene and nitrile both have lower temperature limits than HNBR.
2. HNBR is the best all-purpose O-Ring for R12 and R134a automotive air conditioning systems and should be used in preference to Neoprene or Nitrile in R12 or R134a systems where possible.
3. Some OEM manufacturers may use different colour codes and materials. Where in doubt HNBR is the safest alternative with R12 and R134a.
4. Pad fittings vary and the O-Rings to suit them may not interchange.

Hose Protection Tubing

HEAT RESISTANT INSULATION

Aluminium / Fibre-Glass Sheath

HP-76180 38mm ID x 600mm Suits No.6 to No.12 Hose

This product helps to protect hose from heat damage.

BLACK FOAM RUBBER TUBING

Black Foam Rubber

HP-76280 22mm ID - 19mm WALL 2m LENGTH, Suits #8 Hose
HP-76300 25mm ID - 19mm WALL 2m LENGTH, Suits #10 Hose

For use with cables and hose for general protection against abrasion. Also useful as a noise dampener.
HS-78060 No. 6 - No. 6
HS-78080 No. 8 - No. 8
HS-78100 No. 10 - No. 10
HS-78120 No. 12 - No. 12

HS-78568 No. 8 - No. 6
HS-78580 No. 10 - No. 8
HS-78602 No. 12 - No. 10

HS-78066 No. 6 TEE
HS-78088 No. 8 TEE
HS-78100 No. 10 TEE
HS-78122 No. 12 TEE

HS-78906 No. 6 WITH 1/4" R-12 ACCESS
HS-78908 No. 8 WITH 1/4" R-12 ACCESS
HS-78910 No. 10 WITH 1/4" R-12 ACCESS
HS-78912 No. 12 WITH 1/4" R-12 ACCESS

HS-78958 No. 8 WITH R-12 (1/4" MF) ACCESS
HS-78960 No. 10 WITH R-12 (1/4" MF) ACCESS
HOSE and HOSE FITTINGS

Hose Splicers

SPLICERS WITH R134a SERVICE PORTS

Barb Splicers with R134a Access

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>HS-78946</td>
<td>No. 6 R134a DISCHARGE ACCESS PORT</td>
</tr>
<tr>
<td>HS-78948</td>
<td>No. 8 R134a DISCHARGE ACCESS PORT</td>
</tr>
<tr>
<td>HS-78950</td>
<td>No. 10 WITH R134a SUCTION ACCESS PORT</td>
</tr>
<tr>
<td>HS-78952</td>
<td>No. 12 WITH R134a SUCTION ACCESS PORT</td>
</tr>
</tbody>
</table>

Beadlock Splicers with R134a Access

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Specification</th>
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<tbody>
<tr>
<td>HS-78986</td>
<td>No. 6 R134a DISCHARGE ACCESS PORT</td>
</tr>
<tr>
<td>HS-78988</td>
<td>No. 8 R134a DISCHARGE ACCESS PORT</td>
</tr>
<tr>
<td>HS-78990</td>
<td>No. 10 R134a SUCTION ACCESS PORT</td>
</tr>
<tr>
<td>HS-78992</td>
<td>No. 12 R134a SUCTION ACCESS PORT</td>
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</tbody>
</table>

Female O-Ring to Male Insert O-Ring Splicers with R134a Access

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Specification</th>
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<tbody>
<tr>
<td>HS-79016</td>
<td>No. 6 WITH DISCHARGE R-134a ACCESS</td>
</tr>
<tr>
<td>HS-79018</td>
<td>No. 8 WITH DISCHARGE R-134a ACCESS</td>
</tr>
<tr>
<td>HS-79020</td>
<td>No. 10 WITH SUCTION R-134a ACCESS</td>
</tr>
<tr>
<td>HS-79022</td>
<td>No. 12 WITH SUCTION R-134a ACCESS</td>
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SPLICERS WITH SIGHT GLASS

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Specification</th>
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<tbody>
<tr>
<td>HS-79106</td>
<td>No. 6 BARB - BARB</td>
</tr>
<tr>
<td>HS-79136</td>
<td>No. 6 MIOR - BARB</td>
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SPLICERS WITH SWITCH PORT

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Specification</th>
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</thead>
<tbody>
<tr>
<td>HS-79406</td>
<td>No. 6 MIOR - No. 6 FEM. O-RING</td>
</tr>
<tr>
<td></td>
<td>TAKES STANDARD MALE SWITCH (3/8&quot; 24 UNF THREAD)</td>
</tr>
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</table>

Hose Fitting Springs

SPRINGLOCK GARTER SPRINGS

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Specification</th>
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<tbody>
<tr>
<td>HS-80506</td>
<td>SUIT No. 6 SPRINGLOCK FITTINGS</td>
</tr>
<tr>
<td>HS-80508</td>
<td>SUIT No. 8 SPRINGLOCK FITTINGS</td>
</tr>
<tr>
<td>HS-80510</td>
<td>SUIT No. 10 SPRINGLOCK FITTINGS</td>
</tr>
<tr>
<td>HS-80512</td>
<td>SUIT No. 12 SPRINGLOCK FITTINGS</td>
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Hose Fitting Washers

COPPER FLARE WASHERS

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Specification</th>
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<tbody>
<tr>
<td>HSW-93560</td>
<td>(PKT - 10) SUIT No. 6 3/8&quot; FLARE FITTINGS</td>
</tr>
<tr>
<td>HSW-93580</td>
<td>(PKT - 10) SUIT No. 8 1/2&quot; FLARE FITTINGS</td>
</tr>
<tr>
<td>HSW-93600</td>
<td>(PKT - 10) SUIT No. 10 5/8&quot; FLARE FITTINGS</td>
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