Visual Index



Parkrimp (Crimp) Series

Field Attachable Series

# Fittings

B

ENGINEERING YOUR SUCCESS.

A

B

C

D

E

## Parkrimp (crimp) Series of Fittings

25 Series ..... B-5
26 Series ..... B-9
43 Series ..... B-27
70 Series ..... B-61
71 Series ..... B-71
73 Series ..... B-85
76 Series ..... B-94
77 Series ..... B-96
78 Series ..... B-108
S6 Series ..... B-109
79 Series ..... B-121
HY Series ..... B-126
81 Series ..... B-197



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# How to Read the Fittings Section

With more than 750 end configurations, Parker's brass, stainless steel and Chromium-6 free plated steel fittings include O-ring face seal, flare, straight thread, pipe and metric designs, in both crimp and field attachable styles. Along with Parker hose, all fittings have been tested and approved, and meet stringent industry standards worldwide. Fitting page content is defined by the information shown below. Please take a moment and review.

## How to Select Parkrimp Hose Fittings

Example: 1JC43-12-8C

- 1JC43-12-8C - Fitting (**1**=Crimp, 2=Field attachable, 3=Push-Lok, Blank=Nipple with clamp)
- 1JC43-12-8C - End Connection
- 1JC43-12-8C - Fitting Series
- 1JC43-12-8C - Size of Fitting End Connection
- 1JC43-12-8C - Hose Size
- 1JC43-12-8C - Fitting Material
  - No Suffix = Steel
  - B = Brass
  - C = 316 Stainless Steel
  - BA = Brass Nipple with Steel Nut and Socket
  - BS = Brass Nipple with Brass nut and Socket
  - SM = Metric Index

**"A" Dimension**
Overall Length

**Hex size**
Use to determine the wrench size

**Hose Inner Diameter**
Measured in 1/16 inch increments identified by use of a "dash"(-) numbering system. i.e., 4/16" = 1/4" = -4.

**"B" Dimension**
(Cutoff Allowance) Dimension used to determine cut length (C.L.) of hose when making a hose assembly

Lists approved hoses for fitting series

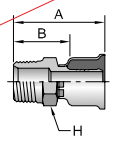
**Fitting Information**
Base part number and end connection description

*Catalog 4400 US*
*Pipe / JIC*

**26 Series Fittings**
*Use with 201, 206, 213, 221FR, 225, 244, 266, 285, 293, SS23CG hoses.*

**10126**
**Male NPTF Pipe - Rigid - Straight**

| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | H inch | H mm | B inch | B mm | Additional Material Brass |
|---|---|---|---|---|---|---|---|---|---|
| 10126-2-4 | 1/8x27 | 3/16 | 1.65 | 42 | 7/16 | 0.78 | 0.78 | 20 | |
| 10126-4-4 | 1/4x18 | 3/16 | 1.88 | 48 | 9/16 | 1.01 | 1.01 | 26 | |
| 10126-4-5 | 1/4x18 | 1/4 | 1.88 | 48 | 9/16 | 1.01 | 1.01 | 26 | |
| 10126-4-6 | 1/4x18 | 5/16 | 1.88 | 48 | 3/4 | 1.02 | 1.02 | 26 | • |
| 10126-6-6 | 3/8x18 | 5/16 | 1.89 | 48 | 11/16 | 1.03 | 1.03 | 26 | • |
| 10126-6-8 | 3/8x18 | 13/32 | 1.89 | 48 | 11/16 | 1.03 | 1.03 | 26 | |
| 10126-8-8 | 1/2x14 | 13/32 | 2.14 | 54 | 7/8 | 1.28 | 1.28 | 33 | • |
| 10126-8-10 | 1/2x14 | 1/2 | 2.25 | 57 | 7/8 | 1.30 | 1.30 | 33 | • |
| 10126-12-12 | 3/4x14 | 5/8 | 2.31 | 59 | 1-1/16 | 1.37 | 1.37 | 35 | • |
| 10126-16-16 | 1x11-1/2 | 7/8 | 2.61 | 66 | 1-3/8 | 1.57 | 1.57 | 40 | |
| 10126-20-20 | 1-1/4x11-1/2 | 1-1/8 | 2.83 | 72 | 1-3/4 | 1.77 | 1.77 | 45 | |
| 10126-24-24 | 1-1/2x11-1/2 | 1-3/8 | 3.01 | 76 | 2 | 1.93 | 1.93 | 49 | |
| 10126-32-32 | 2x11-1/2 | 1-13/16 | 3.44 | 87 | 2-1/2 | 2.18 | 2.18 | 55 | |




Standard material for fittings is steel. For additional material, refer to column

A

Fittings 26 Series
B

Indicates Fitting Section

Continued on next page



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# How to select hose fittings

To make ordering Parker products easier, we have outlined the nomenclature for hose and fittings on this page. For information on ordering hose assemblies, see Section A.

## How to Select Hose

Example: 451TC-8

**451**TC-8 - Hose type
451**TC**-8 - Indicates the special feature of the hose (in this case, 'Tough Cover')
451TC-**8** - Hose inside diameter dash size (in this case, 8/16" or 1/2")




## How to Select Parkrimp Hose Fittings

Example: 1JC43-12-8C

**1**JC43-12-8C - Fitting (1 = Crimp, 2 = Field Attachable, 3 = Push-Lok, Blank = Nipple with clamp or shell)
1**JC**43-12-8C - End connection (In this case, a female Seal-Lok – swivel – straight)
1JC**43**-12-8C - Fitting series
1JC43-**12**-8C - Size of fitting end connection (In this case, 12/16" or 3/4")
1JC43-12-**8**C - Hose size (In this case, 8/16" or 1/2")
1JC43-12-8**C** - Fitting material:
No Suffix = Steel
B = Brass
C = 316 Stainless Steel
BA = Brass Nipple with Steel Nut and Socket
BS = Brass Nipple with Brass Nut and Socket
SM = Metric Hex



## How to Select Two-Piece Field Attachable Fittings

When selecting a two-piece field attachable fitting, the fitting part number (found in Section B of this catalog) needs to be broken down into two distinct numbers for the nipple and the socket.

Example: 20120-16-16B

**Socket Part Number**

Example: 20020-16B

**2**0020-16B - Fitting (1 = Crimp, 2 = Field Attachable, 3 = Push-Lok, Blank = Nipple with clamp or shell)
2**00**20-16B - End connection ("00" represents that it is a socket)
200**20**-16B - Fitting series
20020-**16**B - Hose size (In this case, 16/16" or 1")
20020-16**B** - Fitting material:
No Suffix = Steel
B = Brass
C = 316 Stainless Steel
BA = Brass Nipple with Steel Nut and Socket
BS = Brass Nipple with Brass Nut and Socket
SM = Metric Hex



**Nipple Part Number**

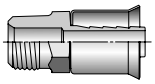
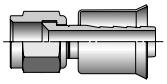
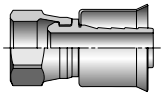
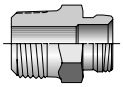
Example: 0120-16-16B

_0120-16-16B - Fitting (1 = Crimp, 2 = Field Attachable, 3 = Push-Lok, Blank = Nipple with clamp or shell)
**01**20-16-16B - End connection (In this case, a male NPTF Pipe – rigid – straight)
01**20**-16-16B - Fitting series
0120-**16**-16B - Size of fitting end connection (In this case, 16/16" or 1")
0120-16-**16**B - Hose size (In this case, 16/16" or 1")
0120-16-16**B** - Fitting material:
No Suffix = Steel
B = Brass
C = 316 Stainless Steel
BA = Brass Nipple with Steel Nut and Socket
BS = Brass Nipple with Brass Nut and Socket
SM = Metric Hex





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| | | | | | |
|---|---|---|---|---|---|
| **Flange** | 10125 B-6<br>  <br>*Rigid* | 10825 B-6<br>  <br>*Swivel* | 17B25 B-6<br>  <br>*Swivel* | 017M B-6<br>  <br>*Swivel* | B-7<br>*Assembly Instructions* |





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A

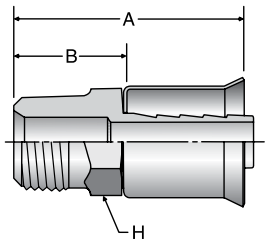
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D

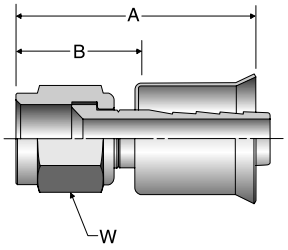
E

## 10125
### Male NPTF Pipe - Rigid



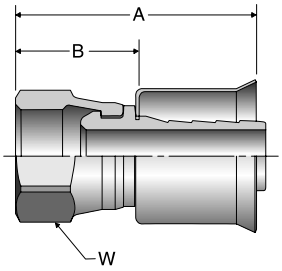

| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | H inch | B inch | B mm |
|---|---|---|---|---|---|---|---|
| 10125-6-6B-VS | 3/8X18 | 3/8 | 1.72 | 44 | 11/16 | 1.00 | 25 |
| 10125-6-8B-VS | 3/8X18 | 1/2 | 1.72 | 44 | 11/16 | 1.00 | 25 |
| 10125-8-6B-VS | 1/2X14 | 3/8 | 2.05 | 52 | 7/8 | 1.33 | 34 |
| 10125-8-8B-VS | 1/2X14 | 1/2 | 2.05 | 52 | 7/8 | 1.33 | 34 |

## 10825
### Female SAE 45° - Swivel



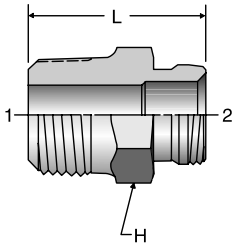

| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | H inch | B inch | B mm |
|---|---|---|---|---|---|---|---|
| 10825-6-6B | 5/8X18 | 3/8 | 1.82 | 46 | 3/4 | 1.10 | 28 |
| 10825-8-6B | 3/4X16 | 3/8 | 1.80 | 46 | 7/8 | 1.08 | 27 |
| 10825-8-8B | 3/4X16 | 1/2 | 1.95 | 50 | 7/8 | 1.22 | 31 |

## 17B25
### Female Air Brake Jounce Line - Swivel - Straight




| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | H inch | B inch | B mm |
|---|---|---|---|---|---|---|---|
| 17B25-8-6B | 3/4X20 | 3/8 | 1.59 | 40 | 7/8 | 0.87 | 22 |
| 17B25-8-8B | 3/4X20 | 1/2 | 1.59 | 40 | 7/8 | 0.87 | 22 |

## 017M
### Air Brake Adapter




| # Part Number | Thread End 1 NPTF inch | | Thread End 2 UNEFinch | | L inch | L mm | H inch |
|---|---|---|---|---|---|---|---|
| 017M-6-8B | 6 | 3/8X18 | 8 | 3/4X20 | 1.13 | 29 | 3/4 |
| 017M-8-8B | 8 | 1/2X14 | 8 | 3/4X20 | 1.33 | 34 | 7/8 |



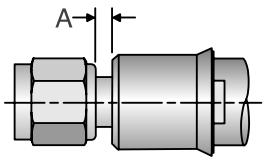
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## Assembly Instructions

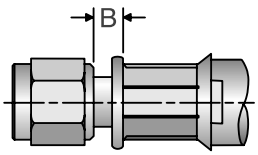
1. On the 08 end configurations only, the use of a mandrel is required. This mandrel is designed to set the proper gap between the nut and the shell. To match the correct fitting with the proper mandrel part number refer to the table below.



2. The assembly mandrels can be used with a common bench vise or on the TH2-7 push-on stand. Refer to Bulletin 4480-T13-USA for push-on stand instructions.
3. When using a common bench vise, place the mandrel in the vise, put the fitting on the mandrel (nut first) then push on the hose until it bottoms. Visually check the sight hole on the side of the shell to assure that the hose is fully inserted.
4. Remove mandrel from fitting and check for proper gap between nut and shell. (See table below).
5. Now crimp the fitting onto the hose. Refer to CrimpSource for correct crimp dies and crimping dimensions.
6. Check for proper gap between nut and shell after crimp. (See table below)




BEFORE CRIMP




AFTER CRIMP

NOTE: B dimension is measured from the back of the fully-seated nut to the start of the crimp length. The nut must be free to swivel after crimping of the shell.

| Fitting Part Number | A Length | | B Length | | Required Assembly Mandrel |
|---|---|---|---|---|---|
| | mm | inch | mm | inch | |
| 10625-6-6B | 3.80 | 0.150 | 8.00 | 0.315 | TH2-7M25-6 |
| 10825-6-6B | 5.80 | 0.230 | 11.80 | 0.465 | |
| 10625-8-8B | 3.80 | 0.150 | 8.00 | 0.315 | TH2-7M25-8 |
| 10825-8-8B | 5.80 | 0.230 | 11.80 | 0.465 | |

NOTE: The “Required Assembly Tool” must be used to assemble all fittings listed above.

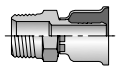
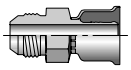
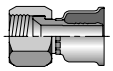
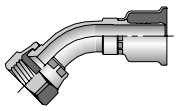
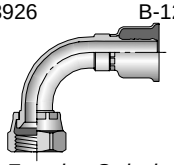
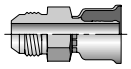
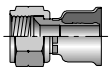
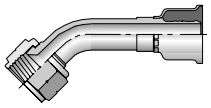
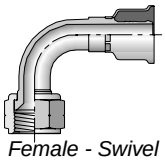
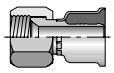
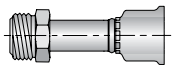
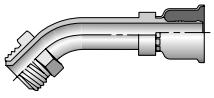
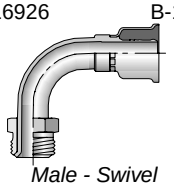
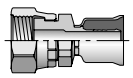
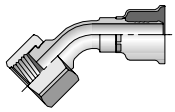
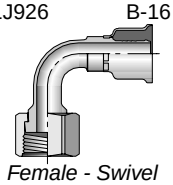
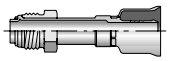
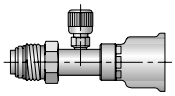
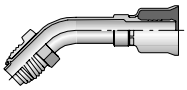
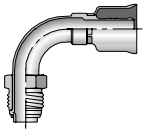
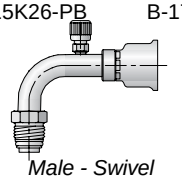
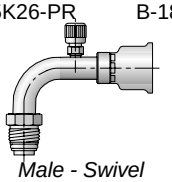
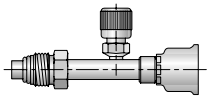
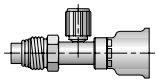
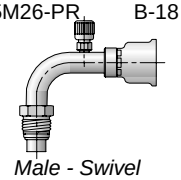
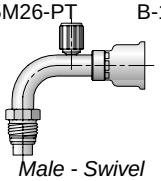
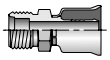
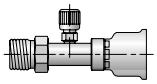
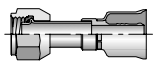
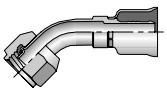
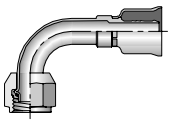
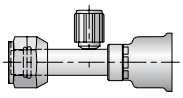
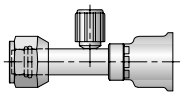
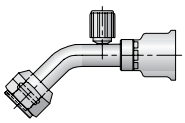
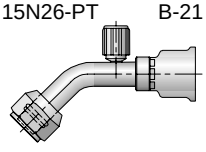
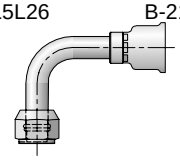
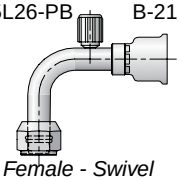
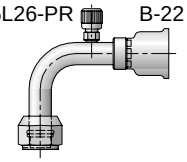
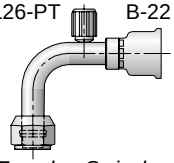
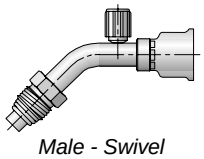
7. For all other 25 series fittings, use of mandrel is not necessary. Push fitting onto hose until it bottoms. Visually check sight hole on the side of the shell to assure that the hose is fully inserted.





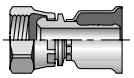
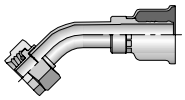
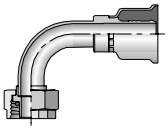
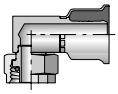
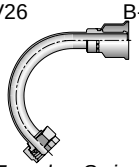
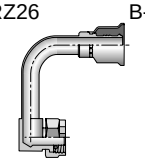
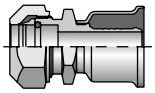
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| | | | | | |
|---|---|---|---|---|---|
| **NPTF Pipe** | 10126 B-11<br>  <br>*Male - Rigid* | **JIC 37°** | 10326 B-11<br>  <br>*Male - Rigid* | 10626 B-12<br>  <br>*Female - Swivel* | 13726 B-12<br>  <br>*Female - Swivel 45° Elbow - Short* |
| 13926 B-12<br>  <br>*Female - Swivel 90° Elbow - Short* | 14126 B-13<br>  <br>*Female - Swivel 90° Elbow - Long* | **SAE 45°** | 10426 B-13<br>  <br>*Male - Rigid* | 10826 B-13<br>  <br>*Female - Swivel* | 17726 B-13<br>  <br>*Female - Swivel 45° Elbow* |
| 17926 B-14<br>  <br>*Female - Swivel 90° Elbow* | | **JIC 37°/ SAE 45° Dual Flare** | 16826 B-14<br>  <br>*Female - Swivel* | **Inverted Flare** | 12826 B-14<br>  <br>*Male - Swivel* | 16726 B-15<br>  <br>*Male - Swivel 45° Elbow* |
| 16926 B-15<br>  <br>*Male - Swivel 90° Elbow* | | **Seal-Lok® (O-Ring Face Seal)** | 1JC26 B-15<br>  <br>*Female - Swivel Short* | 1J726 B-16<br>  <br>*Female - Swivel 45° Elbow* | 1J926 B-16<br>  <br>*Female - Swivel 90° Elbow - Short* | **Tube-O** |
| 1S526 B-16<br>  <br>*Male - Swivel Short Pilot* | 1S526-PR B-17<br>  <br>*Male - Swivel Short Pilot* | 15R26 B-17<br>  <br>*Male - Swivel 45° Elbow - Short Pilot* | 15K26 B-17<br>  <br>*Male - Swivel 90° Elbow - Short Pilot* | 15K26-PB B-17<br>  <br>*Male - Swivel 90° Elbow - Short Pilot* | 15K26-PR B-18<br>  <br>*Male - Swivel 90° Elbow - Short Pilot* |
| 14526-PR B-18<br>  <br>*Male - Swivel Long Pilot* | 14526-PT B-18<br>  <br>*Male - Swivel Long Pilot* | 15M26-PR B-18<br>  <br>*Male - Swivel 90° Elbow - Long Pilot* | 15M26-PT B-19<br>  <br>*Male - Swivel 90° Elbow - Long Pilot* | 15G26 B-19<br>  <br>*Male - Rigid Internal - Long Pilot* | 15G26-PR B-19<br>  <br>*Male - Rigid Internal - Long Pilot* |
| 15S26 B-19<br>  <br>*Female - Swivel Short Pilot* | 15H26 B-20<br>  <br>*Female - Swivel 45° Elbow - Short Pilot* | 15T26 B-20<br>  <br>*Female - Swivel 90° Elbow - Short Pilot* | 15926-PB B-20<br>  <br>*Female - Swivel Long Pilot* | 15926-PT B-20<br>  <br>*Female - Swivel Long Pilot* | 15N26-PB B-21<br>  <br>*Female - Swivel 45° Elbow - Long Pilot* |
| 15N26-PT B-21<br>  <br>*Female - Swivel 45° Elbow - Long Pilot* | 15L26 B-21<br>  <br>*Female - Swivel 90° Elbow - Long Pilot* | 15L26-PB B-21<br>  <br>*Female - Swivel 90° Elbow - Long Pilot* | 15L26-PR B-22<br>  <br>*Female - Swivel 90° Elbow - Long Pilot* | 15L26-PT B-22<br>  <br>*Female - Swivel 90° Elbow - Long Pilot* | 15P26-PT B-22<br>  <br>*Male - Swivel 45° Elbow - Long Pilot* |



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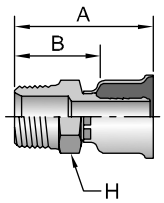
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|---|---|---|---|---|---|
| ***Air Brake Jounce Line*** | 17B26 B-22<br>  <br>*Female - Swivel* | ***Compressor*** | 15V26 B-23<br>  <br>*Female - Swivel 45˚ Elbow* | 15W26 B-23<br>  <br>*Female - Swivel 90˚ Elbow* | 15Z26 B-23<br>  <br>*Female - Swivel 90˚ Elbow - Block Type* |
| 1RV26 B-23<br>  <br>*Female - Swivel 135˚ Elbow* | 1RZ26 B-24<br>  <br>*Female - Swivel 180˚ Elbow* | ***Refrigerant Tube Mender*** | 1T126 B-24<br>  <br>*Male (w/Nut & Ferrule)* | 1T126 B-25<br>*Fitting Assembly Instructions* | |



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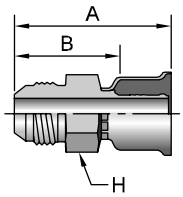
## 10126
### Male NPTF Pipe - Rigid

| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | H inch | H mm | B inch | B mm | Additional Material Brass (B) |
|---|---|---|---|---|---|---|---|---|---|
| 10126-2-4 | 1/8x27 | 3/16 | 1.65 | 42 | 7/16 | 0.78 | 0.78 | 20 | |
| 10126-4-4 | 1/4x18 | 3/16 | 1.88 | 48 | 9/16 | 1.01 | 1.01 | 26 | |
| 10126-4-5 | 1/4x18 | 1/4 | 1.88 | 48 | 9/16 | 1.01 | 1.01 | 26 | |
| 10126-4-6 | 1/4x18 | 5/16 | 1.88 | 48 | 3/4 | 1.02 | 1.02 | 26 | • |
| 10126-6-6 | 3/8x18 | 5/16 | 1.89 | 48 | 11/16 | 1.03 | 1.03 | 26 | • |
| 10126-6-8 | 3/8x18 | 13/32 | 1.89 | 48 | 11/16 | 1.03 | 1.03 | 26 | • |
| 10126-8-8 | 1/2x14 | 13/32 | 2.14 | 54 | 7/8 | 1.28 | 1.28 | 33 | • |
| 10126-8-10 | 1/2x14 | 1/2 | 2.25 | 57 | 7/8 | 1.30 | 1.30 | 33 | • |
| 10126-12-12 | 3/4x14 | 5/8 | 2.31 | 59 | 1-1/16 | 1.37 | 1.37 | 35 | • |
| 10126-16-16 | 1x11-1/2 | 7/8 | 2.61 | 66 | 1-3/8 | 1.57 | 1.57 | 40 | |
| 10126-20-20 | 1-1/4x11-1/2 | 1-1/8 | 2.83 | 72 | 1-3/4 | 1.77 | 1.77 | 45 | |
| 10126-24-24 | 1-1/2x11-1/2 | 1-3/8 | 3.01 | 76 | 2 | 1.93 | 1.93 | 49 | |
| 10126-32-32 | 2x11-1/2 | 1-13/16 | 3.44 | 87 | 2-1/2 | 2.18 | 2.18 | 55 | |




## 10326
### Male JIC 37˚ - Rigid

| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | H inch | H mm | B inch | B mm | Additional Material Brass (B) |
|---|---|---|---|---|---|---|---|---|---|---|
| 10326-4-4 | 1/4 | 7/16x20 | 3/16 | 2.02 | 50 | 1/2 | 1.15 | 1.15 | 29 | • |
| 10326-6-6 | 3/8 | 9/16x18 | 5/16 | 2.12 | 54 | 3/4 | 1.26 | 1.26 | 32 | • |
| 10326-8-8 | 1/2 | 3/4X16 | 13/32 | 1.94 | 49 | 13/16 | 1.08 | 1.08 | 27 | • |
| 10326-10-10 | 5/8 | 7/8X14 | 1/2 | 2.49 | 64 | 15/16 | 1.54 | 1.54 | 39 | • |
| 10326-16-16 | 1 | 1-5/16x12 | 7/8 | 2.79 | 71 | 1-3/8 | 1.75 | 1.75 | 44 | |





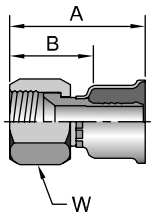



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A
B
C
D
E

## 10626

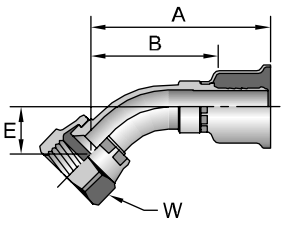
### Female JIC 37˚ - Swivel




| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | W inch | B inch | B mm | Additional Material Brass (B) |
|---|---|---|---|---|---|---|---|---|---|
| 10626-6-6 | 3/8 | 9/16x18 | 5/16 | 1.81 | 45 | 11/16 | 0.95 | 23 | • |
| 10626-6-8 | 3/8 | 9/16x18 | 13/32 | 1.67 | 52 | 11/16 | 1.19 | 30 | • |
| 10626-12-12 | 3/4 | 1-1/16x12 | 5/8 | 2.29 | 58 | 1-1/4 | 1.35 | 34 | • |
| 10626-16-16 | 1 | 1-5/16x12 | 7/8 | 2.53 | 64 | 1-1/2 | 1.49 | 38 | • |
| 10626-20-20 | 1-1/4 | 1-5/8x12 | 1-1/8 | 2.56 | 65 | 2 | 1.50 | 38 | • |
| 10626-24-24 | 1-1/2 | 1-7/8x12 | 1-3/8 | 2.77 | 70 | 2-1/4 | 1.69 | 43 | |
| 10626-32-32 | 2 | 2-1/2x12 | 1-13/16 | 3.30 | 84 | 2-7/8 | 2.04 | 52 | |

## 13726

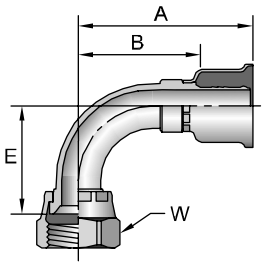
### Female JIC 37˚ - Swivel - 45° Elbow - Short Drop




| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 13726-4-4 | 1/4 | 7/16x20 | 3/16 | 2.01 | 51 | 0.39 | 10 | 9/16 | 1.14 | 29 |
| 13726-6-6 | 3/8 | 9/16x18 | 5/16 | 2.72 | 69 | 0.43 | 11 | 11/16 | 1.86 | 47 |
| 13726-8-8 | 1/2 | 3/4x16 | 13/32 | 2.82 | 72 | 0.55 | 15 | 7/8 | 1.96 | 50 |
| 13726-10-10 | 5/8 | 7/8x14 | 1/2 | 2.96 | 75 | 0.63 | 16 | 1 | 2.01 | 51 |
| 13726-12-12 | 3/4 | 1-1/16x12 | 5/8 | 3.44 | 87 | 0.83 | 21 | 1-1/4 | 2.50 | 63 |
| 13726-16-16 | 1 | 1-5/16x12 | 7/8 | 3.34 | 85 | 0.90 | 23 | 1-1/2 | 2.30 | 58 |
| 13726-20-20 | 1-1/4 | 1-5/8x12 | 1-1/8 | 3.74 | 95 | 1.18 | 30 | 2 | 2.68 | 68 |
| 13726-24-24 | 1-1/2 | 1-7/8x12 | 1-3/8 | 3.92 | 100 | 1.16 | 29 | 2-1/4 | 2.84 | 72 |

## 13926

### Female JIC 37˚ - Swivel - 90° Elbow - Short Drop



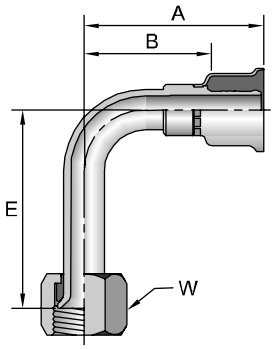

| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 13926-4-4 | 1/4 | 7/16x20 | 3/16 | 1.82 | 46 | 0.83 | 21 | 9/16 | 0.95 | 24 |
| 13926-6-6 | 3/8 | 9/16x18 | 5/16 | 2.15 | 55 | 0.91 | 23 | 11/16 | 1.29 | 33 |
| 13926-8-8 | 1/2 | 3/4x16 | 13/32 | 2.22 | 56 | 1.09 | 28 | 7/8 | 1.36 | 35 |
| 13926-10-10 | 5/8 | 7/8x14 | 1/2 | 2.23 | 57 | 1.26 | 32 | 1 | 1.28 | 33 |
| 13926-10-12 | 5/8 | 7/8x14 | 5/8 | 2.52 | 64 | 1.23 | 31 | 1 | 1.58 | 40 |
| 13926-12-12 | 3/4 | 1-1/16x12 | 5/8 | 2.28 | 58 | 1.82 | 46 | 1-1/4 | 1.30 | 34 |
| 13926-16-16 | 1 | 1-5/16x12 | 7/8 | 3.30 | 84 | 2.14 | 54 | 1-1/2 | 2.26 | 57 |
| 13926-20-20 | 1-1/4 | 1-5/8x12 | 1-1/8 | 3.60 | 91 | 2.57 | 65 | 2 | 2.53 | 65 |
| 13926-24-24 | 1-1/2 | 1-7/8x12 | 1-3/8 | 3.92 | 100 | 2.82 | 72 | 2-1/4 | 2.84 | 72 |



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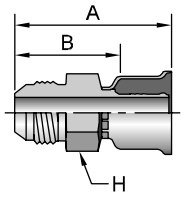
## 14126
### Female JIC 37° - Swivel - 90° Elbow - Long Drop

| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 14126-4-4 | 1/4 | 7/16x20 | 1/4 | 2.05 | 52 | 1.81 | 46 | 9/16 | 1.18 | 30 |
| 14126-6-6 | 3/8 | 9/16x18 | 5/16 | 2.02 | 51 | 2.13 | 54 | 11/16 | 1.16 | 29 |
| 14126-8-8 | 1/2 | 3/4X16 | 13/32 | 2.35 | 60 | 2.43 | 62 | 7/8 | 1.49 | 38 |
| 14126-10-10 | 5/8 | 7/8x14 | 1/2 | 2.11 | 54 | 2.76 | 70 | 1 | 1.16 | 29 |
| 14126-16-16 | 1 | 1-5/16x12 | 7/8 | 3.17 | 81 | 4.33 | 110 | 1-1/2 | 2.13 | 54 |



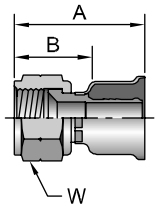

## 10426
### Male SAE 45° - Rigid

| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | H inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|
| 10426-4-4 | 1/4 | 7/16x20 | 3/16 | 1.97 | 50 | 1/2 | 1.18 | 28 |
| 10426-6-6 | 3/8 | 5/8x18 | 5/16 | 2.04 | 52 | 11/16 | 1.18 | 30 |



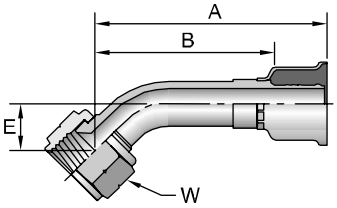

## 10826
### Female SAE 45° - Swivel

| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | W inch | B inch | B mm | Additional Material Brass (B) |
|---|---|---|---|---|---|---|---|---|---|
| 10826-6-6 | 3/8 | 5/8x18 | 5/16 | 1.84 | 47 | 3/4 | 0.98 | 25 | • |
| 10826-10-8 | 5/8 | 7/8x14 | 13/32 | 2.21 | 56 | 1 | 1.35 | 34 | |
| 10826-10-10 | 5/8 | 7/8x14 | 1/2 | 2.13 | 54 | 1 | 1.18 | 30 | |
| 10826-12-12 | 3/4 | 1-1/16x14 | 5/8 | 2.19 | 56 | 1-1/4 | 1.25 | 32 | • |




## 17726
### Female SAE 45° - Swivel - 45° Elbow

| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 17726-4-4 | 1/4 | 7/16x20 | 3/16 | 2.29 | 58 | 0.39 | 10 | 9/16 | 1.43 | 36 |
| 17726-6-6 | 3/8 | 5/8x18 | 5/16 | 2.72 | 69 | 0.43 | 11 | 11/16 | 1.86 | 47 |
| 17726-8-8 | 1/2 | 3/4x16 | 13/32 | 2.82 | 72 | 0.59 | 14 | 7/8 | 1.96 | 50 |
| 17726-10-10 | 5/8 | 7/8x14 | 1/2 | 2.96 | 75 | 0.63 | 16 | 1 | 2.01 | 51 |
| 17726-12-12 | 3/4 | 1-1/16x14 | 5/8 | 3.43 | 87 | 0.83 | 21 | 1-1/4 | 2.49 | 63 |



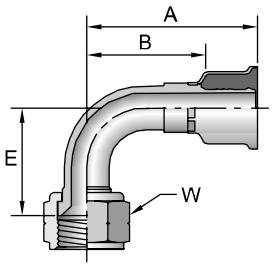

Notch on nut signifies SAE 45° flare fitting.



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## 17926

### Female SAE 45˚ - Swivel - 90˚ Elbow

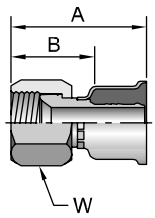



| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 17926-4-4 | 1/4 | 7/16x20 | 3/16 | 1.75 | 44 | 0.83 | 21 | 9/16 | 0.89 | 23 |
| 17926-6-6 | 3/8 | 5/8x18 | 5/16 | 2.15 | 55 | 0.91 | 23 | 3/4 | 1.29 | 33 |
| 17926-8-8 | 1/2 | 3/4x16 | 13/32 | 2.31 | 58.7 | 1.00 | 25.4 | 7/8 | 1.45 | 37 |
| 17926-10-10 | 5/8 | 7/8x14 | 1/2 | 2.23 | 57 | 1.26 | 32 | 1 | 1.28 | 33 |
| 17926-12-12 | 3/4 | 1-1/16x14 | 5/8 | 2.28 | 58 | 1.82 | 46 | 1-1/4 | 1.34 | 34 |

Notch on nut signifies 45˚ flare fitting.

## 16826

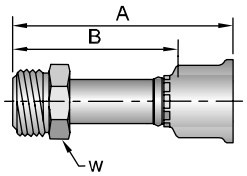
### Female JIC 37˚ / SAE 45˚ - Dual Flare - Swivel




| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | W inch | B inch | B mm | Additional Material Brass (B) |
|---|---|---|---|---|---|---|---|---|---|
| 16826-4-4 | 1/4 | 7/16x20 | 3/16 | 1.67 | 42 | 9/16 | 0.80 | 20 | • |
| 16826-4-5 | 1/4 | 7/16x20 | 1/4 | 1.55 | 48 | 9/16 | 1.03 | 26 | |
| 16826-4-6 | 1/4 | 7/16x20 | 5/16 | 1.55 | 39 | 9/16 | 0.07 | 17 | |
| 16826-5-5 | 5/16 | 1/2x20 | 1/4 | 1.77 | 45 | 5/8 | 0.90 | 23 | |
| 16826-8-6 | 1/2 | 3/4x16 | 5/16 | 1.76 | 56 | 7/8 | 1.34 | 34 | |
| 16826-8-8 | 1/2 | 3/4x16 | 13/32 | 1.91 | 49 | 7/8 | 1.05 | 27 | |
| 16826-8-10 | 1/2 | 3/4x16 | 1/2 | 2.36 | 60 | 7/8 | 1.41 | 36 | • |
| 16826-10-10 | 5/8 | 7/8x14 | 1/2 | 2.17 | 55 | 1 | 1.23 | 31 | • |
| 16826-10-12 | 5/8 | 7/8x14 | 5/8 | 1.96 | 61 | 1 | 1.53 | 37 | |

## 12826

### Male Inverted SAE 45˚ - Swivel




| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|
| 12826-4-4 | 1/4 | 7/16x24 | 3/16 | 2.43 | 62 | 7/16 | 1.56 | 40 |
| 12826-5-5 | 5/16 | 1/2x20 | 1/4 | 2.56 | 65 | 1/2 | 1.69 | 43 |
| 12826-6-6 | 3/8 | 5/8x18 | 5/16 | 2.87 | 73 | 5/8 | 2.01 | 51 |
| 12826-8-8 | 1/2 | 3/4x18 | 13/32 | 3.00 | 76 | 3/4 | 2.14 | 54 |
| 12826-10-10 | 5/8 | 7/8x18 | 1/2 | 3.17 | 81 | 7/8 | 2.22 | 56 |

See Accessories Section for O-Rings and Flange Kits.

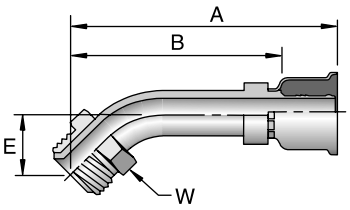


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## 16726

### Male Inverted SAE 45° - Swivel - 45° Elbow

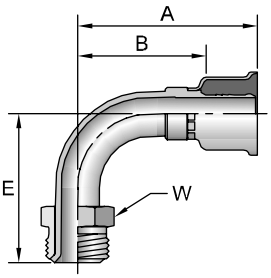
| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 16726-4-4 | 1/4 | 7/16x24 | 3/16 | 2.20 | 56 | 0.63 | 16 | 7/16 | 1.33 | 34 |
| 16726-5-5 | 5/16 | 1/2x20 | 1/4 | 2.30 | 58 | 0.70 | 18 | 1/2 | 1.43 | 36 |
| 16726-6-6 | 3/8 | 5/8x18 | 5/16 | 2.55 | 65 | 0.87 | 22 | 5/8 | 1.69 | 43 |
| 16726-8-8 | 1/2 | 3/4x18 | 13/32 | 2.60 | 66 | 1.09 | 28 | 3/4 | 1.74 | 44 |




## 16926

### Male Inverted SAE 45° - Swivel - 90° Elbow

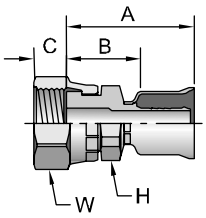
| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 16926-4-4 | 1/4 | 7/16x24 | 3/16 | 2.27 | 58 | 1.56 | 40 | 7/16 | 1.40 | 36 |
| 16926-6-6 | 3/8 | 5/8x18 | 5/16 | 1.89 | 48 | 1.48 | 38 | 5/8 | 1.03 | 26 |
| 16926-8-8 | 1/2 | 3/4x18 | 13/32 | 2.25 | 57 | 1.88 | 48 | 3/4 | 1.39 | 35 |
| 16926-10-10 | 5/8 | 7/8x18 | 1/2 | 2.70 | 69 | 2.17 | 55 | 7/8 | 1.75 | 44 |




## 1JC26

### Female Seal-Lok® - Swivel - Short

| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | C inch | C mm | H inch | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1JC26-4-4 | 1/4 | 9/16x18 | 3/16 | 1.66 | 42 | 0.31 | 8 | 9/16 | 11/16 | 0.79 | 20 |
| 1JC26-6-6 | 3/8 | 11/16x16 | 5/16 | 1.70 | 43 | 0.34 | 9 | 11/16 | 13/16 | 0.84 | 21 |
| 1JC26-8-8 | 1/2 | 13/16x16 | 13/32 | 1.76 | 45 | 0.43 | 11 | 13/16 | 15/16 | 0.90 | 23 |
| 1JC26-12-12 | 3/4 | 1-3/16x12 | 5/8 | 2.13 | 54 | 0.55 | 14 | 1-1/8 | 1-3/8 | 1.19 | 30 |
| 1JC26-16-16 | 1 | 1-7/16x12 | 7/8 | 2.39 | 61 | 0.56 | 14 | 1-3/8 | 1-5/8 | 1.35 | 34 |
| 1JC26-20-20 | 1-1/4 | 1-11/16x12 | 1-1/8 | 2.45 | 62 | 0.59 | 15 | 1-7/8 | 1-7/8 | 1.39 | 35 |




When measuring overall length to the end of the nut, B + C must be used to calculate cut-off allowance.
See Accessories Section for O-Rings.





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A

B

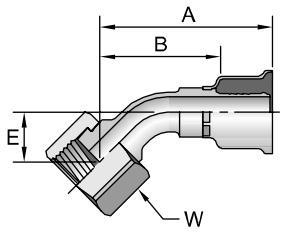
C

D

E

## 1J726

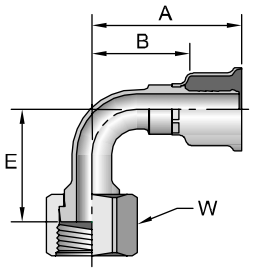
### Female Seal-Lok® - Swivel - 45° Elbow




| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 1J726-4-4 | 1/4 | 9/16x18 | 3/16 | 1.99 | 51 | 0.39 | 10 | 11/16 | 1.12 | 28 |
| 1J726-6-6 | 3/8 | 11/16x16 | 5/16 | 2.43 | 62 | 0.43 | 11 | 13/16 | 1.57 | 40 |
| 1J726-8-8 | 1/2 | 13/16x16 | 13/32 | 2.77 | 70 | 0.59 | 15 | 15/16 | 1.91 | 49 |
| 1J726-10-10 | 5/8 | 1x14 | 1/2 | 3.26 | 83 | 0.63 | 16 | 1-1/8 | 2.31 | 59 |
| 1J726-12-12 | 3/4 | 1-3/16x12 | 5/8 | 3.13 | 80 | 0.83 | 21 | 1-3/8 | 2.19 | 56 |
| 1J726-16-16 | 1 | 1-7/16x12 | 7/8 | 3.61 | 92 | 0.94 | 24 | 1-5/8 | 2.57 | 65 |
| 1J726-20-20 | 1-1/4 | 1-11/16x12 | 1-1/8 | 3.93 | 100 | 1.00 | 25 | 1-7/8 | 2.87 | 73 |

## 1J926

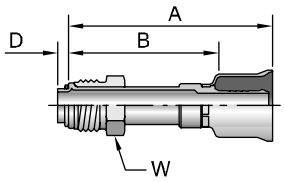
### Female Seal-Lok® - Swivel - 90° Elbow - Short Drop




| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 1J926-4-4 | 1/4 | 9/16x18 | 3/16 | 1.80 | 46 | 0.83 | 21 | 11/16 | 0.93 | 24 |
| 1J926-6-6 | 3/8 | 11/16x16 | 5/16 | 1.86 | 47 | 0.91 | 23 | 13/16 | 1.00 | 25 |
| 1J926-8-8 | 1/2 | 13/16X16 | 13/32 | 2.14 | 54 | 1.14 | 29 | 15/16 | 1.28 | 33 |
| 1J926-10-10 | 5/8 | 1x14 | 1/2 | 2.53 | 64 | 1.26 | 32 | 1-1/8 | 1.58 | 40 |
| 1J926-12-12 | 3/4 | 1-3/16x12 | 5/8 | 2.51 | 64 | 1.89 | 48 | 1-3/8 | 1.57 | 40 |
| 1J926-16-16 | 1 | 1-7/16X12 | 7/8 | 3.56 | 90 | 2.21 | 56 | 1-5/8 | 2.52 | 64 |
| 1J926-20-20 | 1-1/4 | 1-11/16X12 | 1-1/8 | 4.05 | 103 | 2.51 | 64 | 1-7/8 | 2.99 | 76 |

## 1S526

### Male Tube-O - Swivel - Short Pilot




| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | D inch | D mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 1S526-6-6 | 3/8 | 5/8x18 | 5/16 | 2.54 | 65 | 0.18 | 4,7 | 5/8 | 1.68 | 43 |
| 1S526-7-6 | 11/16 | 11/16x16 | 5/16 | 2.57 | 65 | 0.18 | 4,7 | 5/8 | 1.71 | 43 |
| 1S526-8-8 | 1/2 | 3/4x18 | 13/32 | 2.68 | 68 | 0.18 | 4,7 | 3/4 | 1.82 | 46 |
| 1S526-10-10 | 5/8 | 7/8x18 | 1/2 | 3.46 | 88 | 0.18 | 4,7 | 7/8 | 2.51 | 64 |
| 1S526-10-12 | 5/8 | 7/8x18 | 5/8 | 3.63 | 92 | 0.18 | 4,7 | 7/8 | 2.69 | 68 |
| 1S526-12-12 | 3/4 | 1-1/16x16 | 5/8 | 4.00 | 102 | 0.18 | 4,7 | 1-1/16 | 3.06 | 78 |

When measuring overall length to the end of the nut, B+D must be used to calculate cut-off allowance.

See Accessories Section for O-Rings.

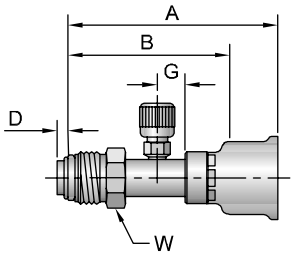


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## 1S526-PR

**Male Tube-O - Swivel - Short Pilot with Charge Port for R12**

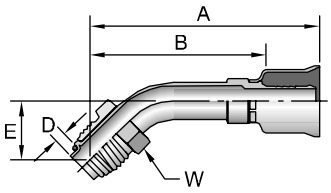
| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | D inch | D mm | G inch | G mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1S526-10-10-PR | 5/8 | 7/8x18 | 1/2 | 3.52 | 89 | 0.18 | 4,7 | 0.47 | 12 | 7/8 | 2.57 | 65 |
| 1S526-10-12-PR | 5/8 | 7/8x18 | 5/8 | 3.68 | 93 | 0.18 | 4,7 | 0.47 | 12 | 7/8 | 2.74 | 70 |




## 15R26

**Male Tube-O - Swivel - 45° Elbow - Short Pilot**

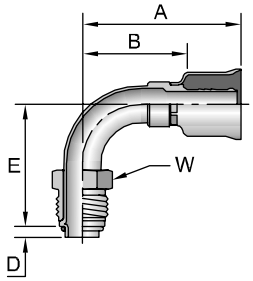
| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | D inch | D mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15R26-6-6 | 3/8 | 5/8x18 | 5/16 | 2.52 | 64 | 0.18 | 4,7 | 0.85 | 22 | 5/8 | 1.66 | 42 |
| 15R26-8-8 | 1/2 | 3/4x18 | 13/32 | 2.53 | 64 | 0.18 | 4,7 | 1.05 | 27 | 3/4 | 1.67 | 42 |
| 15R26-10-10 | 5/8 | 7/8x18 | 1/2 | 2.99 | 76 | 0.18 | 4,7 | 1.25 | 32 | 7/8 | 2.04 | 52 |
| 15R26-10-12 | 5/8 | 7/8x18 | 5/8 | 3.16 | 80 | 0.18 | 4,7 | 1.25 | 32 | 7/8 | 2.22 | 56 |




## 15K26

**Male Tube-O - Swivel - 90° Elbow - Short Pilot**

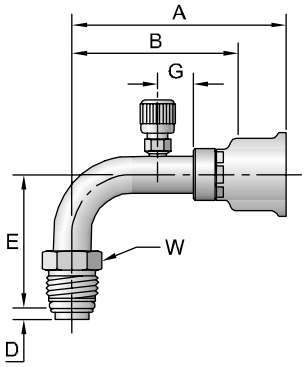
| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | D inch | D mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15K26-6-6 | 3/8 | 5/8X18 | 5/16 | 2.06 | 52 | 0.18 | 4,7 | 1.76 | 45 | 5/8 | 1.19 | 30 |
| 15K26-7-6 | 7/16 | 11/16x16 | 5/16 | 2.21 | 56 | 0.18 | 4,7 | 1.76 | 44 | 11/16 | 1.35 | 34 |
| 15K26-8-8 | 1/2 | 3/4x18 | 13/32 | 2.06 | 52 | 0.18 | 4,7 | 1.74 | 44 | 3/4 | 1.20 | 30 |
| 15K26-10-10 | 5/8 | 7/8x18 | 1/2 | 2.34 | 59 | 0.18 | 4,7 | 2.20 | 56 | 7/8 | 1.39 | 35 |
| 15K26-10-12 | 5/8 | 7/8x18 | 5/8 | 2.51 | 64 | 0.18 | 4,7 | 2.20 | 56 | 7/8 | 1.57 | 40 |




## 15K26-PB

**Male Tube-O - Swivel - 90° Elbow - Short Pilot with High Pressure Charge Port for R134a**

| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | D inch | D mm | E inch | E mm | G inch | G mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15K26-8-8-PB | 1/2 | 3/4x18 | 13/32 | 2.70 | 69 | 0.18 | 4,6 | 1.74 | 44 | 0.60 | 15 | 3/4 | 1.88 | 48 |



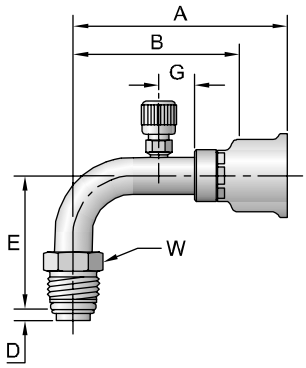



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## 15K26-PR

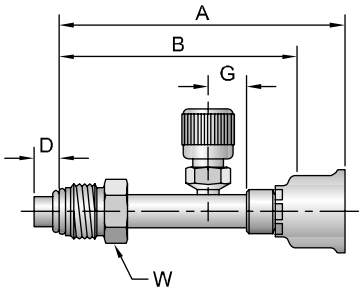
**Male Tube-O - Swivel - 90° Elbow - Short Pilot with Charge Port for R12**




| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | D inch | D mm | E inch | E mm | G inch | G mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15K26-10-10-PR | 5/8 | 7/8x18 | 1/2 | 3.14 | 80 | 0.18 | 4,7 | 2.25 | 57 | 0.60 | 15 | 7/8 | 2.19 | 56 |
| 15K26-10-12-PR | 5/8 | 7/8x18 | 5/8 | 3.43 | 87 | 0.18 | 4,7 | 2.22 | 56 | 0.60 | 15 | 7/8 | 2.49 | 63 |

## 14526-PR

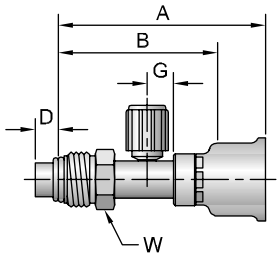
**Male Tube-O - Swivel - Long Pilot With Charge Port for R12**




| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | D inch | D mm | G inch | G mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 14526-6-6-PR | 3/8 | 5/8x18 | 5/16 | 3.25 | 83 | 0.28 | 7,1 | 0.50 | 13 | 5/8 | 2.40 | 61 |

## 14526-PT

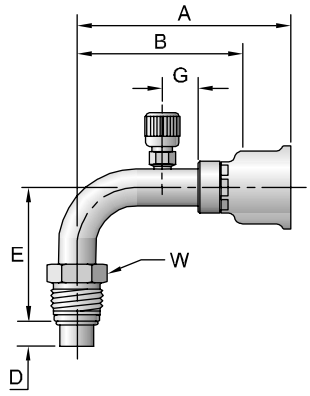
**Male Tube-O - Swivel - Long Pilot With With Low Pressure Charge Port for R134a**




| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | D inch | D mm | G inch | G mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 14526-10-12-PT | 5/8 | 7/8x18 | 5/8 | 3.45 | 88 | 0.38 | 9,8 | 0.44 | 11 | 7/8 | 2.51 | 64 |

## 15M26-PR

**Male Tube-O - Swivel - 90° Elbow - Long Pilot With Charge Port for R12**



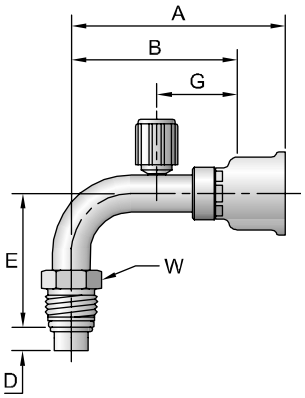

| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | D inch | D mm | E inch | E mm | G inch | G mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15M26-6-6-PR | 3/8 | 5/8x18 | 5/16 | 2.48 | 63 | 0.28 | 7,1 | 1.58 | 40 | 0.50 | 13 | 5/8 | 1.62 | 41 |



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## 15M26-PT

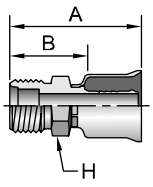
**Male Tube-O - Swivel - 90° Elbow - Long Pilot With With Low Pressure Charge Port for R134a**




| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | D inch | D mm | E inch | E mm | G inch | G mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15M26-10-12-PT | 5/8 | 7/8x18 | 5/8 | 3.25 | 83 | 0.38 | 9,8 | 2.25 | 57 | 0.60 | 15 | 7/8 | 2.31 | 59 |

## 15G26

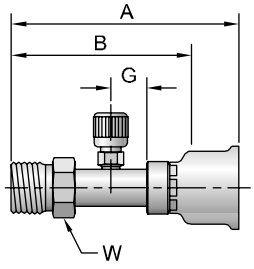
**Male Tube-O - Rigid - Internal Long Pilot (3-Step)**




| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | H inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|
| 15G26-6-6 | 3/8 | 5/8x18 | 3/8 | 1.78 | 45 | 0.625 | 0.92 | 23 |
| 15G26-8-8 | 1/2 | 3/4x16 | 13/32 | 1.95 | 50 | 3/4 | 1.09 | 28 |
| 15G26-10-10 | 5/8 | 7/8x14 | 1/2 | 4.05 | 103 | 7/8 | 3.10 | 79 |
| 15G26-10-12 | 5/8 | 7/8x14 | 5/8 | 2.19 | 56 | 0.875 | 1.25 | 32 |

## 15G26-PR

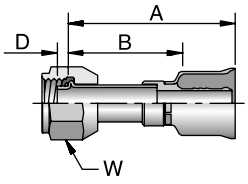
**Male Tube-O - Rigid - Internal Long Pilot (3-Step) With Charge Port for R12**




| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | G inch | G mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 15G26-10-12-PR | 5/8 | 7/8x14 | 5/8 | 4.27 | 108 | 0.60 | 15 | 7/8 | 3.33 | 85 |

## 15S26

**Female Tube-O - Swivel - Short Pilot**




| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | D inch | D mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 15S26-6-6 | 3/8 | 5/8x18 | 5/16 | 2.54 | 65 | 0.18 | 4,7 | 3/4 | 1.68 | 43 |
| 15S26-8-8 | 1/2 | 3/4x16 | 13/32 | 2.68 | 68 | 0.18 | 4,7 | 7/8 | 1.82 | 46 |
| 15S26-10-10 | 5/8 | 7/8x14 | 1/2 | 2.84 | 72 | 0.18 | 4,7 | 1-1/16 | 1.89 | 48 |
| 15S26-10-12 | 5/8 | 7/8x14 | 5/8 | 3.63 | 92 | 0.18 | 4,7 | 1-1/16 | 2.69 | 68 |
| 15S26-12-12 | 3/4 | 1-1/16x14 | 5/8 | 4.00 | 102 | 0.18 | 4,7 | 1-1/4 | 3.06 | 78 |





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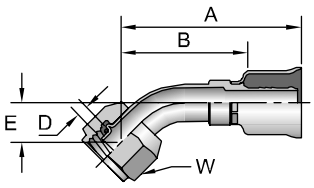
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## 15H26

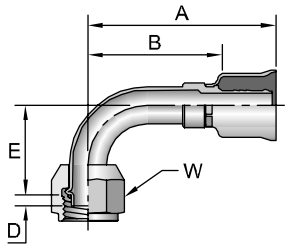
### Female Tube-O - Swivel 45˚ Elbow - Short Pilot




| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | D inch | D mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15H26-6-6 | 3/8 | 5/8x18 | 5/16 | 2.35 | 60 | 0.18 | 4,7 | 0.54 | 14 | 3/4 | 1.49 | 38 |
| 15H26-8-8 | 1/2 | 3/4x16 | 13/32 | 2.48 | 63 | 0.18 | 4,7 | 0.60 | 15 | 7/8 | 1.62 | 41 |
| 15H26-10-10 | 5/8 | 7/8x14 | 1/2 | 3.23 | 82 | 0.18 | 4,7 | 0.67 | 17 | 1 1/16 | 2.28 | 58 |
| 15H26-10-12 | 5/8 | 7/8x14 | 3/4 | 3.43 | 87 | 0.18 | 4,7 | 0.67 | 17 | 1-1/16 | 2.46 | 62 |

## 15T26

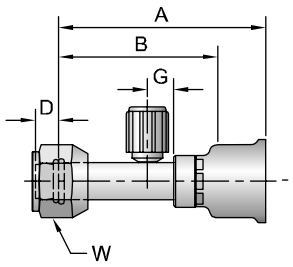
### Female Tube-O - Swivel - 90˚ Elbow - Short Pilot




| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | D inch | D mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15T26-6-6 | 3/8 | 5/8x18 | 5/16 | 1.89 | 48 | 0.18 | 4,7 | 1.15 | 29 | 3/4 | 1.03 | 26 |
| 15T26-8-8 | 1/2 | 3/4x16 | 13/32 | 2.34 | 59 | 0.18 | 4,7 | 1.46 | 37 | 7/8 | 1.48 | 38 |
| 15T26-10-10 | 5/8 | 7/8x14 | 1/2 | 2.08 | 53 | 0.18 | 4,7 | 1.75 | 44 | 1-1/16 | 1.08 | 27 |
| 15T26-10-12 | 5/8 | 7/8x14 | 5/8 | 2.20 | 56 | 0.18 | 4,7 | 1.53 | 39 | 1-1/16 | 1.26 | 32 |
| 15T26-12-12 | 3/4 | 1-1/16x14 | 5/8 | 2.63 | 67 | 0.18 | 4,7 | 1.75 | 44 | 1-1/4 | 1.69 | 43 |

## 15926-PB

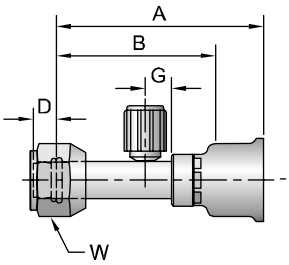
### Female Tube-O - Swivel - Long Pilot
### With High Pressure Charge Port for R134a




| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | D inch | D mm | G inch | G mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15926-6-6-PB | 3/8 | 5/8x18 | 5/16 | 3.25 | 83 | 0.28 | 7,1 | 0.75 | 19 | 3/4 | 2.39 | 61 |
| 15926-8-8-PB | 1/2 | 3/4x16 | 13/32 | 2.74 | 70 | 0.38 | 9,8 | 0.50 | 13 | 7/8 | 1.88 | 48 |

## 15926-PT

### Female Tube-O - Swivel - Long Pilot
### With Low Pressure Charge Port for R134a




| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | D inch | D mm | G inch | G mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15926-10-12-PT | 5/8 | 7/8x14 | 5/8 | 3.47 | 88 | 0.38 | 9,8 | 0.60 | 15 | 1-1/16 | 2.53 | 64 |

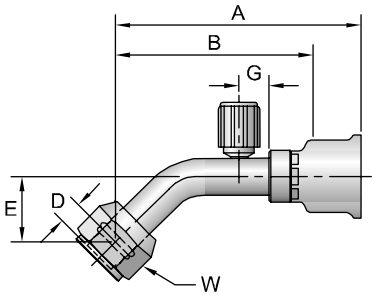


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## 15N26-PB

**Female Tube-O - Swivel - 45° Elbow - Long Pilot**
**With High Pressure Charge Port for R134a**

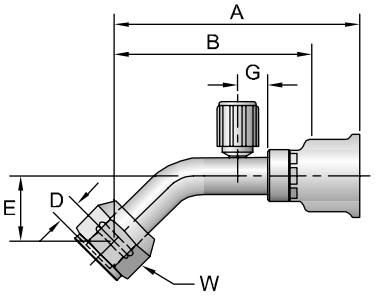
| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | D inch | D mm | E inch | E mm | G inch | G mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15N26-8-8-PB | 1/2 | 3/4x16 | 13/32 | 3.67 | 93 | 0.38 | 9,8 | 0.90 | 23 | 0.60 | 15 | 7/8 | 2.81 | 72 |




## 15N26-PT

**Female Tube-O - Swivel - 45° Elbow - Long Pilot**
**With Low Pressure Charge Port for R134a**

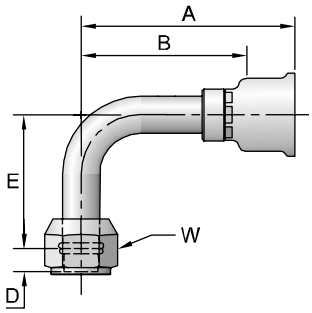
| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | D inch | D mm | E inch | E mm | G inch | G mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15N26-10-12-PT | 5/8 | 7/8x14 | 5/8 | 3.92 | 100 | 0.38 | 9,8 | 1.21 | 31 | 0.60 | 15 | 1-1/16 | 2.98 | 76 |




## 15L26

**Female Tube-O - Swivel - 90° Elbow - Long Pilot**

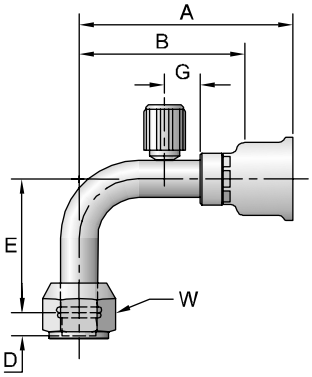
| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | D inch | D mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15L26-8-8 | 1/2 | 3/4x14 | 13/32 | 2.14 | 54 | 0.38 | 9,8 | 1.46 | 37 | 7/8 | 1.28 | 33 |




## 15L26-PB

**Female Tube-O - Swivel - 90° Elbow - Long Pilot**
**With High Pressure Charge Port for R134a**

| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | D inch | D mm | E inch | E mm | G inch | G mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15L26-6-6-PB | 3/8 | 5/8x18 | 5/16 | 2.50 | 64 | 0.28 | 7,1 | 1.22 | 31 | 0.50 | 13 | 3/4 | 1.64 | 42 |
| 15L26-8-8-PB | 1/2 | 3/4x16 | 13/32 | 2.80 | 71 | 0.38 | 9,8 | 1.46 | 37 | 0.60 | 15 | 7/8 | 1.94 | 49 |
| 15L26-10-12-PB | 5/8 | 7/8x14 | 5/8 | 2.80 | 71 | 0.38 | 9,8 | 1.46 | 37 | 0.60 | 15 | 1-1/16 | 1.94 | 49 |








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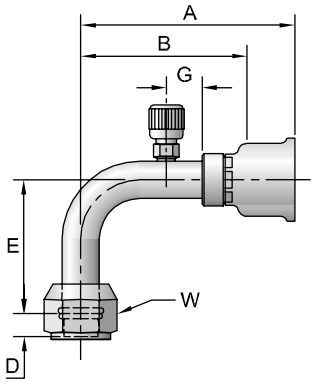
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## 15L26-PR

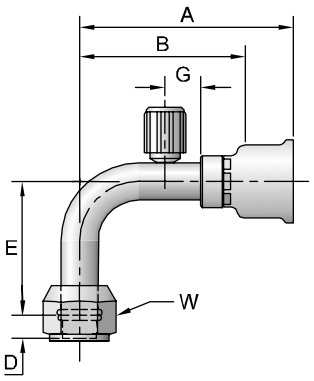
**Female Tube-O - Swivel - 90° Elbow - Long Pilot With Charge Port for R12**




| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | D inch | D mm | E inch | E mm | G inch | G mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15L26-8-8-PR | 1/2 | 3/4x16 | 13/32 | 2.79 | 71 | 0.38 | 9,8 | 1.46 | 37 | 0.60 | 15 | 7/8 | 1.93 | 49 |
| 15L26-10-10-PR | 5/8 | 7/8x14 | 1/2 | 3.59 | 91 | 0.38 | 9,8 | 2.25 | 57 | 0.60 | 15 | 1-1/16 | 2.64 | 67 |
| 15L26-10-12-PR | 5/8 | 7/8x14 | 5/8 | 3.25 | 83 | 0.38 | 9,8 | 2.25 | 57 | 0.60 | 15 | 1-1/16 | 2.31 | 59 |

## 15L26-PT

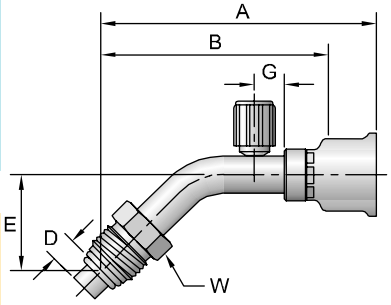
**Female Tube-O - Swivel - 90° Elbow - Long Pilot With Low Pressure Charge Port for R134a**




| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | D inch | D mm | E inch | E mm | G inch | G mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15L26-10-10-PT | 5/8 | 7/8X14 | 1/2 | 2.95 | 75 | 0.38 | 9,8 | 2.25 | 57 | 0.60 | 15 | 1-1/16 | 2.00 | 51 |
| 15L26-10-12-PT | 5/8 | 7/8x14 | 5/8 | 3.25 | 83 | 0.38 | 9,8 | 2.25 | 57 | 0.60 | 15 | 1-1/16 | 2.31 | 59 |
| 15L26-12-12-PT | 3/4 | 1-1/16x14 | 5/8 | 3.58 | 91 | 0.38 | 9,8 | 2.66 | 68 | 0.60 | 15 | 1-1/4 | 2.64 | 67 |

## 15P26-PT

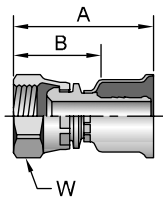
**Male Tube-O - Swivel - 45° Elbow - Long Pilot With With Low Pressure Charge Port for R134a**




| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | D inch | D mm | E inch | E mm | G inch | G mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15P26-10-12-PT | 5/8 | 7/8x18 | 5/8 | 3.81 | 97 | 0.38 | 9,8 | 1.21 | 31 | 0.60 | 15 | 7/8 | 2.87 | 73 |

## 17B26

**Female Air Brake Jounce Line - Swivel**



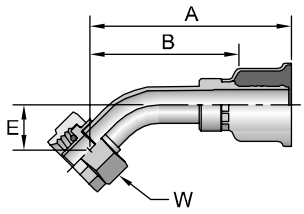

| # Part Number | Thread inch | | Hose inch | A inch | A mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|
| 17B26-8-6BA | 1/2 | 3/4x20 | 5/16 | 1.75 | 44 | 11/16 | 0.89 | 23 |
| 17B26-8-8BA | 1/2 | 3/4x20 | 13/32 | 1.75 | 44 | 11/16 | 0.89 | 23 |



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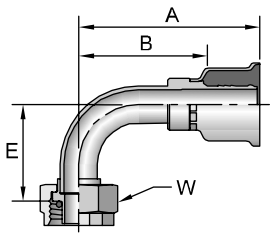
## 15V26
### Female Compressor - Swivel - 45˚ Elbow

| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 15V26-12-8 | 1x14 | 13/32 | 2.72 | 69 | 0.75 | 19 | 1-1/8 | 1.86 | 47 |
| 15V26-12-12 | 1x14 | 5/8 | 3.39 | 86 | 0.76 | 19 | 1-1/8 | 2.45 | 62 |



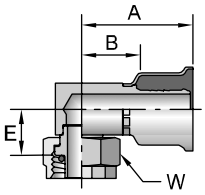

## 15W26
### Female Compressor - Swivel - 90˚ Elbow

| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 15W26-12-8 | 1x14 | 13/32 | 2.24 | 57 | 1.25 | 32 | 1.125 | 1.38 | 35 |
| 15W26-12-12 | 1x14 | 5/8 | 3.04 | 77 | 1.63 | 41 | 1.125 | 2.10 | 53 |



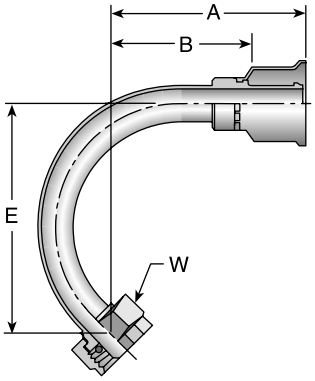

## 15Z26
### Female Compressor - Swivel - 90˚ Elbow - Block Type

| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 15Z26-12-8 | 1X14 | 0.40625 | 1.79 | 45 | 0.80 | 20 | 1.125 | 0.93 | 24 |
| 15Z26-12-12 | 1X14 | 0.625 | 1.87 | 47 | 0.80 | 20 | 1.125 | 0.93 | 24 |




## 1RV26
### Female Compressor - Swivel - 135˚ Elbow

| # Part Number | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|
| 1RV26-12-8 | 13/32 | 3.24 | 82 | 3.21 | 82 | 1-1/8 | 2.38 | 60 |
| 1RV26-12-12 | 5/8 | 2.32 | 59 | 3.21 | 82 | 1-1/8 | 1.38 | 35 |



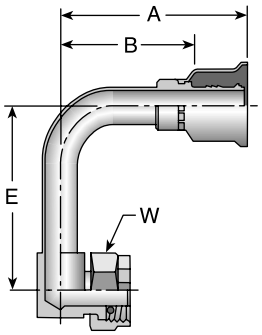





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## 1RZ26

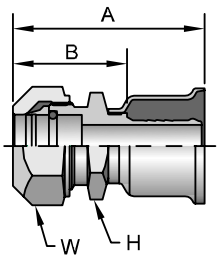
### Female Compressor - Swivel - 180˚ Elbow - Block Type RZ




| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 1RZ26-12-12 | 1x14 | 5/8 | 2.98 | 76 | 3.13 | 80 | 1-1/8 | 2.04 | 52 |

## 1T126

### Male Refrigerant Tube Mender (with Nut and Ferrule)




| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | H inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|
| 1T126-6-6 | 3/8 | 5/8x18 | 5/16 | 1.96 | 50 | 11/16 | 1.10 | 28 |
| 1T126-8-8 | 1/2 | 3/4x16 | 13/32 | 2.07 | 53 | 13/16 | 1.21 | 31 |
| 1T126-10-10 | 5/8 | 7/8x14 | 1/2 | 2.28 | 58 | 15/16 | 1.33 | 34 |
| 1T126-10-12 | 5/8 | 7/8x14 | 5/8 | 2.27 | 58 | 15/16 | 1.33 | 34 |
| 1T126-12-12 | 3/4 | 1-16x14 | 5/8 | 2.33 | 59 | 1-1/8 | 1.39 | 35 |

1T126 Assembly instructions on page B-25.



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# 1T126

## Fitting Installation Instructions

1. Cut the tube off squarely next to the hose fitting. At least 7/8" straight length is required and the outside diameter of the tube should be smooth and free from deep lengthwise scratches.

2. To prevent cutting the inside of the O-Ring, smoothly chamfer the outside diameter of the cut end 15˚ to 30˚. Deburr the inside diameter.

3. Remove the nut, compression sleeve, and O-Ring from the fitting and lubricate the O-Ring with a lubricant that is compatible with the refrigerant used in the system.

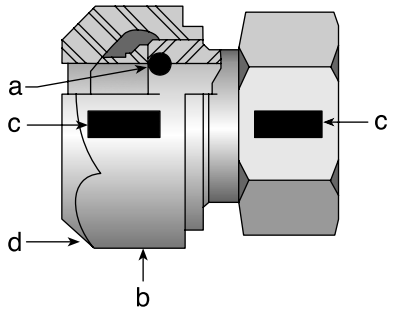
4. Place the lubricated O-Ring in the counterbore of the fitting.

5. Slip the compression sleeve, small end, into the nut and assemble the nut on the fitting fingertight. Make sure the compression sleeve is not cocked in the nut. Back the nut off 1/6 to 1/3 turn (one to two hex flats).

6. Insert the chamfered tube end through the nut into the fitting. If high resistance is felt when the end of the tube contacts the O-Ring, remove the tube. The end of the tube may require a large chamfer and/or the O-Ring may require more lubrication on the inside diameter. Repeat the previous steps.

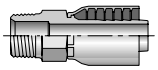
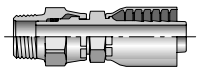
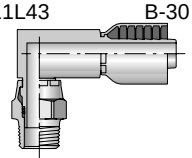
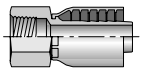
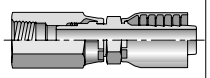
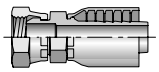
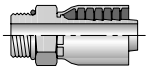
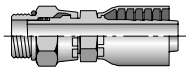
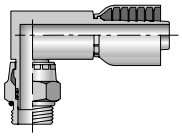
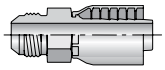
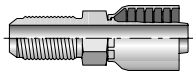
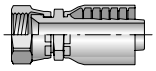
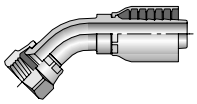
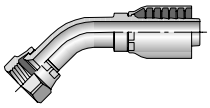
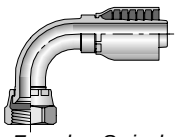
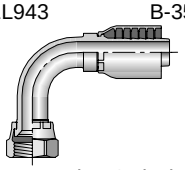
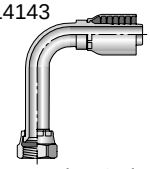
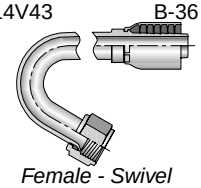
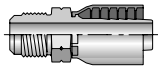
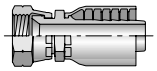
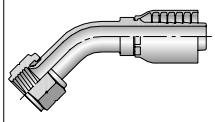
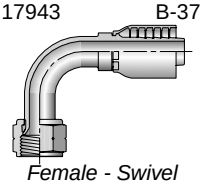
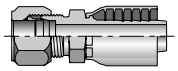
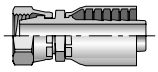
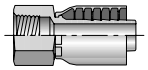
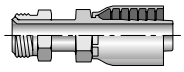
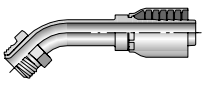
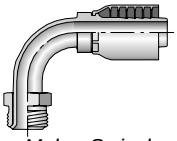
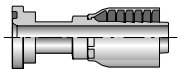
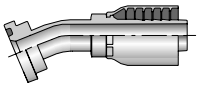
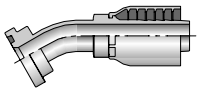
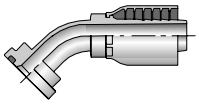
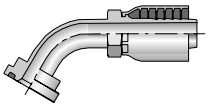
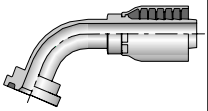
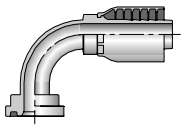
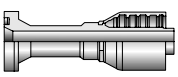
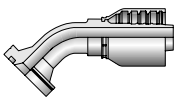
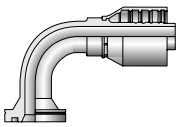
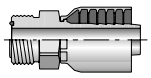
7. (a) Make sure the tube is bottomed in the fitting
   (b) Tighten the nut finger tight
   (c) Mark the fitting and nut hex indicating the starting point (see illustration) and
   (d) Wrench tighten the nut 1 to 1-1/6 turns (6 to 7 hex flats).

8. Later, if it is ever necessary to loosen the connection, re-assemble the nut 1/6 turn (one hex flat) after finger tight.




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TECHNICAL SERVICES DEPARTMENT
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FAX: 440 / 943-3129
http://www.parkerhose.com

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Parker Hannifin Corporation
Wickliffe, Ohio
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| | | | | | |
|---|---|---|---|---|---|
| **NPTF/ NPSM Pipe** | 10143 B-29  *Male - Rigid* | 11343 B-29  *Male - Swivel* | 11L43 B-30  *Male - Swivel 90˚ Elbow* | 10243 B-30  *Female - Rigid* | 1S243 B-30  *Female - Swivel* |
| 10743 B-31  *Female - Swivel* | **Straight Thread O-Ring** | 10543 B-31  *Male - Rigid* | 10G43 B-31  *Male - Swivel* | 10L43 B-32  *Male - Swivel 90˚ Elbow* | **JIC 37˚** |
| 10343 B-32  *Male - Rigid* | 1LB43 B-33  *Male - Bulkhead* | 10643 B-33  *Female - Swivel* | 13743 B-34  *Female - Swivel 45˚ Elbow - Short* | 1L743 B-34  *Female - Swivel 45˚ Elbow - Medium* | 13943 B-35  *Female - Swivel 90˚ Elbow - Short* |
| 1L943 B-35  *Female - Swivel 90˚ Elbow - Medium* | 14143 B-36  *Female - Swivel 90˚ Elbow - Long* | 14V43 B-36  *Female - Swivel 150˚ Elbow* | **SAE 45˚** | 10443 B-36  *Male - Rigid* | 10843 B-36  *Female - Swivel* |
| 17743 B-37  *Female - Swivel 45˚ Elbow* | 17943 B-37  *Female - Swivel 90˚ Elbow* | **Flareless** | 11143 B-37  *Male - Rigid* | 11243 B-38  *Female - Swivel* | 1GJ43 B-38  *Female - Rigid* |
| **Inverted Flare** | 12843 B-38  *Male - Swivel* | 16743 B-39  *Male - Swivel 45˚ Elbow* | 16943 B-39  *Male - Swivel 90˚ Elbow* | **Code 61 Flange** | 11543 B-39  *Flange Head* |
| 11643 B-40  *22-1/2˚ Elbow* | 12643 B-40  *30˚ Elbow* | 11743 B-40  *45˚ Elbow* | 12743 B-41  *60˚ Elbow* | 11843 B-41  *67-1/2˚ Elbow* | 11943 B-41  *90˚ Elbow* |
| **Code 62 Flange** | 16A43 B-42  *Flange Head* | 16F43 B-42  *45˚ Elbow* | 16N43 B-42  *90˚ Elbow* | **Seal-Lok® (O-Ring Face Seal)** | 1J043 B-43  *Male - Rigid w/O-Ring* |





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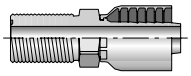
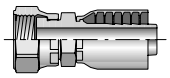
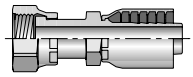
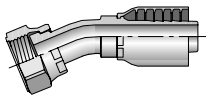
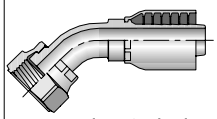
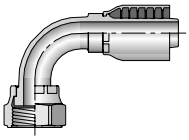
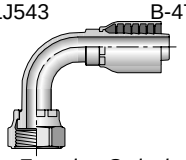
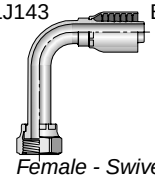
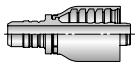
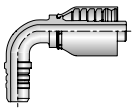
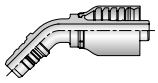
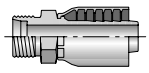
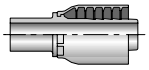
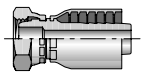
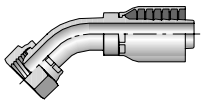
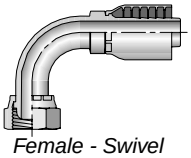
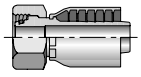
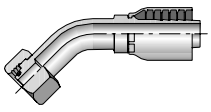
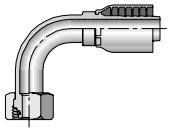
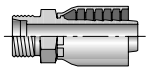
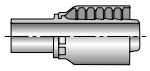
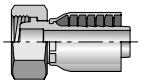
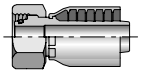
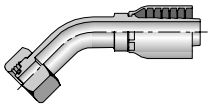
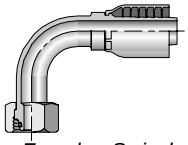
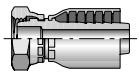
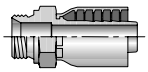
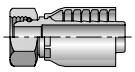
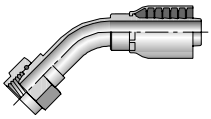
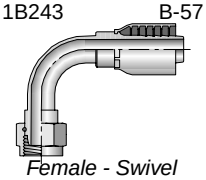
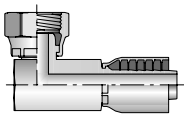
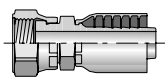
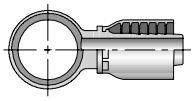
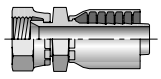
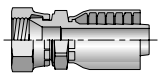
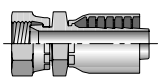
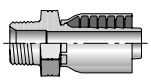
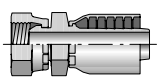
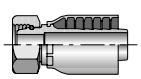
A

B

C

D

E

| | | | | | |
|---|---|---|---|---|---|
| 1JB43 B-43<br>  <br>*Male - Bulkhead w/O-Ring* | 1JC43 B-44<br>  <br>*Female - Swivel Short* | 1JS43 B-45<br>  <br>*Female - Swivel Long* | 1J643 B-45<br>  <br>*Female - Swivel 22-1/2˚ Elbow* | 1J743 B-46<br>  <br>*Female - Swivel 45˚ Elbow* | 1J943 B-47<br>  <br>*Female - Swivel 90˚ Elbow - Short* |
| 1J543 B-47<br>  <br>*Female - Swivel 90˚ Elbow - Medium* | 1J143 B-48<br>  <br>*Female - Swivel 90˚ Elbow - Long* | **UPTC** | 1EN43 B-50<br>  <br>*Male* | 1ET43 B-50<br>  <br>*Male 90˚ Elbow* | 1EU43 B-50<br>  <br>*Male 45˚ Elbow* |
| **Metric** | 1D043 B-51<br>  <br>*Male - Rigid* | 11D43 B-51<br>  <br>*Male Standpipe Rigid* | 1C343 B-52<br>  <br>*Female - Swivel* | 1C443 B-52<br>  <br>*Female - Swivel 45˚ Elbow* | 1C543 B-52<br>  <br>*Female - Swivel 90˚ Elbow* |
| 1CA43 B-53<br>  <br>*Female - Swivel* | 1CE43 B-53<br>  <br>*Female - Swivel 45˚ Elbow* | 1CF43 B-53<br>  <br>*Female - Swivel 90˚ Elbow* | **DIN "S" Series & DIN "S" w/O-Ring** | 1D243 B-54<br>  <br>*Male - Rigid* | 13D43 B-54<br>  <br>*Male Standpipe Rigid* |
| 1C643 B-54<br>  <br>*Female - Swivel* | 1C943 B-55<br>  <br>*Female - Swivel* | 10C43 B-55<br>  <br>*Female - Swivel 45˚ Elbow* | 11C43 B-56<br>  <br>*Female - Swivel 90˚ Elbow* | **DIN 60˚ Cone** | 1C043 B-55<br>  <br>*Female - Swivel* |
| **BSP** | 1D943 B-56<br>  <br>*Male - Rigid* | 19243 B-56<br>  <br>*Female - Swivel* | 1B143 B-57<br>  <br>*Female - Swivel 45˚ Elbow* | 1B243 B-57<br>  <br>*Female - Swivel 90˚ Elbow* | 1B443 B-57<br>  <br>*Female - Swivel 90˚ Elbow - Block Type* |
| 1B543 B-58<br>  <br>*Female - Swivel Flat Seat* | **Banjo** | 14943 B-58<br>  <br>*Metric Banjo* | **Metric 30˚ Flare** | 1MU43 B-59<br>  <br>*Female - Swivel* | 1XU43 B-59<br>  <br>*Female - Swivel* |
| **BSP** | 1FU43 B-59<br>  <br>*Female - Swivel* | 1UT43 B-60<br>  <br>*Male - Rigid* | 1GU43 B-60<br>  <br>*Female - Swivel* | **French Gaz** | 1F443 B-60<br>  <br>*Female - Swivel* |

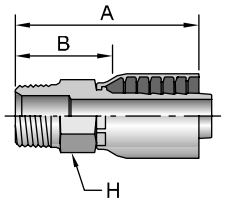


**Hose Products Division**
Parker Hannifin Corporation
Wickliffe, Ohio
www.parkerhose.com

# 10143

## Male NPTF Pipe - Rigid

| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | H inch | B inch | B mm | Additional Material Stainless Steel (C) |
|---|---|---|---|---|---|---|---|---|
| 10143-2-4 | 1/8x27 | 1/4 | 1.80 | 46 | 9/16 | 1.05 | 27 | |
| 10143-4-4 | 1/4x18 | 1/4 | 2.01 | 51 | 9/16 | 1.26 | 32 | • |
| 10143-4-5 | 1/4x18 | 5/16 | 1.94 | 49 | 11/16 | 1.19 | 30 | |
| 10143-4-6 | 1/4x18 | 3/8 | 2.28 | 58 | 3/4 | 1.25 | 32 | |
| 10143-6-4 | 3/8x18 | 1/4 | 1.86 | 47 | 11/16 | 1.11 | 28 | |
| 10143-6-5 | 3/8x18 | 5/16 | 1.94 | 49 | 11/16 | 1.19 | 30 | |
| 10143-6-6 | 3/8x18 | 3/8 | 2.37 | 60 | 3/4 | 1.34 | 34 | • |
| 10143-6-8 | 3/8x18 | 1/2 | 2.59 | 66 | 7/8 | 1.33 | 34 | |
| 10143-6-10 | 3/8x18 | 5/8 | 2.61 | 66 | 15/16 | 1.17 | 30 | |
| 10143-8-4 | 1/2x14 | 1/4 | 2.13 | 54 | 7/8 | 1.38 | 35 | |
| 10143-8-6 | 1/2x14 | 3/8 | 2.39 | 61 | 7/8 | 1.36 | 35 | |
| 10143-8-8 | 1/2x14 | 1/2 | 2.84 | 72 | 7/8 | 1.58 | 40 | • |
| 10143-8-10 | 1/2x14 | 5/8 | 3.04 | 77 | 15/16 | 1.59 | 40 | |
| 10143-8-12 | 1/2x14 | 3/4 | 3.04 | 77 | 1-1/16 | 1.60 | 41 | |
| 10143-12-8 | 3/4x14 | 1/2 | 2.68 | 68 | 1-1/16 | 1.42 | 36 | |
| 10143-12-10 | 3/4x14 | 5/8 | 2.87 | 73 | 1-1/16 | 1.43 | 36 | |
| 10143-12-12 | 3/4x14 | 3/4 | 3.09 | 78 | 1-1/16 | 1.65 | 42 | • |
| 10143-12-16 | 3/4x14 | 1 | 3.40 | 86 | 1-3/8 | 1.78 | 45 | |
| 10143-16-12 | 1x11-1/2 | 3/4 | 3.09 | 78 | 1-3/8 | 1.65 | 42 | |
| 10143-16-16 | 1x11-1/2 | 1 | 2.59 | 66 | 1-3/8 | 1.97 | 50 | • |
| 10143-20-20 | 1-1/4x11-1/2 | 1-1/4 | 4.08 | 104 | 1-3/4 | 2.39 | 61 | • |
| 10143-24-24 | 1-1/2x11-1/2 | 1-1/2 | 3.50 | 89 | 2 | 2.13 | 54 | |
| 10143-32-32 | 2x11-1/2 | 2 | 4.05 | 103 | 2-1/2 | 2.27 | 58 | |

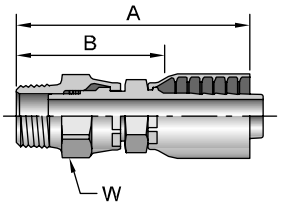



Stainless steel fittings must be assembled with Karrykrimp 2, PHastkrimp, Superkrimp or Parkrimp 2. See CrimpSource for more information.

# 11343

## Male NPTF Pipe - Swivel

| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|
| 11343-2-4 | 1/8x27 | 1/4 | 2.94 | 75 | 5/8 | 2.19 | 56 |
| 11343-4-4 | 1/4x18 | 1/4 | 2.68 | 68 | 5/8 | 1.93 | 49 |
| 11343-4-6 | 1/4x18 | 3/8 | 3.01 | 76 | 5/8 | 1.98 | 50 |
| 11343-6-4 | 3/8x18 | 1/4 | 2.81 | 71 | 3/4 | 2.06 | 52 |
| 11343-6-6 | 3/8x18 | 3/8 | 3.08 | 78 | 3/4 | 2.05 | 52 |
| 11343-6-8 | 3/8x18 | 1/2 | 3.30 | 84 | 3/4 | 2.04 | 52 |
| 11343-8-6 | 1/2x14 | 3/8 | 3.30 | 84 | 7/8 | 2.27 | 58 |
| 11343-8-8 | 1/2x14 | 1/2 | 3.52 | 89 | 7/8 | 2.26 | 57 |
| 11343-12-12 | 3/4x14 | 3/4 | 3.93 | 100 | 1-1/4 | 2.49 | 63 |
| 11343-16-16 | 1x11-1/2 | 1 | 4.52 | 115 | 1-1/2 | 2.90 | 74 |




O-Ring not compatible with Phosphate Ester fluids.

Fitting allows minor movement under pressure to relieve stress on hose but is not to be used on continuous or extensive swiveling.





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A

B

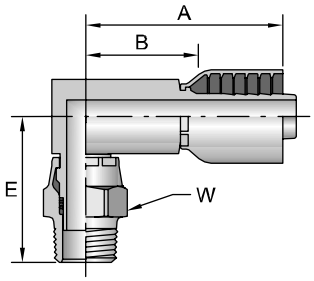
C

D

E

## 11L43

### Male NPTF Pipe - Swivel - 90° Elbow



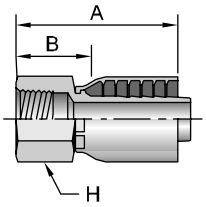

| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 11L43-4-4 | 1/4x18 | 1/4 | 2.23 | 57 | 1.79 | 45 | 5/8 | 1.48 | 38 |
| 11L43-4-6 | 1/4x18 | 3/8 | 2.53 | 64 | 1.85 | 47 | 5/8 | 1.50 | 38 |
| 11L43-6-6 | 3/8x18 | 3/8 | 2.53 | 64 | 1.94 | 49 | 3/4 | 1.50 | 38 |
| 11L43-8-6 | 1/2x14 | 3/8 | 2.66 | 68 | 2.17 | 55 | 7/8 | 1.63 | 41 |
| 11L43-8-8 | 1/2x14 | 1/2 | 2.96 | 75 | 2.17 | 55 | 7/8 | 1.70 | 43 |
| 11L43-12-12 | 3/4x14 | 3/4 | 3.32 | 84 | 2.46 | 62 | 1-1/4 | 1.88 | 48 |

O-Ring not compatible with Phosphate Ester fluids.

Fitting allows minor movement under pressure to relieve stress on hose but is not to be used on continuous or extensive swiveling.

## 10243

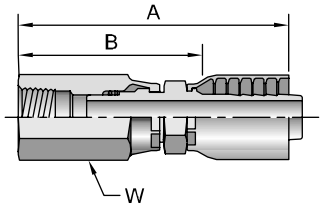
### Female NPTF Pipe - Rigid




| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | H inch | B inch | B mm |
|---|---|---|---|---|---|---|---|
| 10243-2-4 | 1/8x27 | 1/4 | 1.68 | 43 | 5/8 | 0.93 | 24 |
| 10243-4-4 | 1/4x18 | 1/4 | 1.78 | 45 | 11/16 | 1.03 | 26 |
| 10243-4-6 | 1/4x18 | 3/8 | 2.05 | 52 | 3/4 | 1.02 | 26 |
| 10243-6-4 | 3/8x18 | 1/4 | 2.05 | 52 | 7/8 | 1.30 | 33 |
| 10243-6-6 | 3/8x18 | 3/8 | 2.32 | 59 | 7/8 | 1.29 | 33 |
| 10243-8-6 | 1/2x14 | 3/8 | 2.40 | 61 | 1-1/8 | 1.37 | 35 |
| 10243-8-8 | 1/2x14 | 1/2 | 2.62 | 67 | 1-1/8 | 1.36 | 35 |
| 10243-12-12 | 3/4x14 | 3/4 | 2.72 | 69 | 1-1/4 | 1.28 | 33 |

## 1S243

### Female NPTF Pipe - Swivel




| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|
| 1S243-4-4 | 1/4x18 | 1/4 | 3.33 | 85 | 3/4 | 2.58 | 66 |

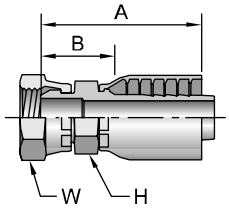


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## 10743

### Female NPSM Pipe - Swivel - (60° Cone)

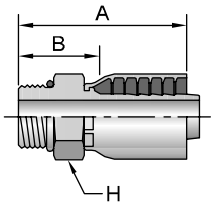
| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | H inch | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|
| 10743-2-4 | 1/8x27 | 1/4 | 1.69 | 43 | 9/16 | 9/16 | 0.94 | 24 |
| 10743-4-4 | 1/4x18 | 1/4 | 1.74 | 44 | 9/16 | 11/16 | 0.99 | 25 |
| 10743-6-6 | 3/8x18 | 3/8 | 2.09 | 53 | 11/16 | 7/8 | 1.06 | 27 |
| 10743-8-8 | 1/2x14 | 1/2 | 2.32 | 59 | 15/16 | 1 | 1.06 | 27 |
| 10743-12-12 | 3/4x14 | 3/4 | 2.70 | 69 | 1-1/16 | 1-1/4 | 1.47 | 37 |
| 10743-16-16 | 1x11-1/2 | 1 | 3.09 | 78 | 1-3/8 | 1-1/2 | 1.47 | 37 |
| 10743-20-20 | 1-1/4x11-1/2 | 1-1/4 | 3.28 | 83 | 1-7/8 | 1-7/8 | 1.59 | 40 |




## 10543

### Male SAE Straight Thread with O-Ring - Rigid

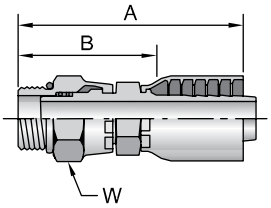
| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | H inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|
| 10543-4-4 | 1/4 | 7/16x20 | 1/4 | 1.64 | 42 | 9/16 | 0.89 | 23 |
| 10543-5-4 | 5/16 | 1/2x20 | 1/4 | 1.80 | 46 | 5/8 | 1.05 | 27 |
| 10543-6-4 | 3/8 | 9/16x18 | 1/4 | 1.67 | 42 | 11/16 | 0.92 | 23 |
| 10543-6-6 | 3/8 | 9/16x18 | 3/8 | 2.10 | 53 | 11/16 | 1.07 | 27 |
| 10543-6-8 | 3/8 | 9/16x18 | 1/2 | 2.32 | 59 | 13/16 | 1.06 | 27 |
| 10543-8-6 | 1/2 | 3/4x16 | 3/8 | 2.11 | 54 | 7/8 | 1.08 | 27 |
| 10543-8-8 | 1/2 | 3/4x16 | 1/2 | 2.46 | 62 | 7/8 | 1.20 | 30 |
| 10543-10-6 | 5/8 | 7/8x14 | 3/8 | 2.13 | 54 | 1 | 1.10 | 28 |
| 10543-10-8 | 5/8 | 7/8x14 | 1/2 | 2.35 | 60 | 1 | 1.09 | 28 |
| 10543-10-10 | 5/8 | 7/8x14 | 5/8 | 2.77 | 70 | 1 | 1.33 | 34 |
| 10543-12-8 | 3/4 | 1-1/16x12 | 1/2 | 2.61 | 66 | 1-1/4 | 1.35 | 34 |
| 10543-12-10 | 3/4 | 1-1/16x12 | 5/8 | 2.80 | 71 | 1-1/4 | 1.36 | 35 |
| 10543-12-12 | 3/4 | 1-1/16x12 | 3/4 | 2.81 | 71 | 1-1/4 | 1.37 | 35 |
| 10543-16-12 | 1 | 1-5/16x12 | 3/4 | 2.81 | 71 | 1-1/2 | 1.37 | 35 |
| 10543-16-16 | 1 | 1-5/16x12 | 1 | 3.37 | 86 | 1-1/2 | 1.75 | 44 |
| 10543-20-20 | 1-1/4 | 1-5/8x12 | 1-1/4 | 3.69 | 94 | 1-7/8 | 2.00 | 51 |




## 10G43

### Male SAE Straight Thread with O-Ring - Swivel

| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|
| 10G43-5-4 | 5/16 | 1/2x20 | 1/4 | 2.98 | 76 | 3/4 | 2.23 | 57 |
| 10G43-6-4 | 3/8 | 9/16x18 | 1/4 | 2.98 | 76 | 3/4 | 2.23 | 57 |
| 10G43-6-6 | 3/8 | 9/16x18 | 3/8 | 3.25 | 83 | 3/4 | 2.22 | 56 |
| 10G43-8-6 | 1/2 | 3/4x16 | 3/8 | 3.06 | 78 | 7/8 | 2.06 | 52 |
| 10G43-8-8 | 1/2 | 3/4x16 | 1/2 | 3.21 | 82 | 7/8 | 1.95 | 50 |
| 10G43-10-6 | 5/8 | 7/8x14 | 3/8 | 3.01 | 76 | 1 | 2.01 | 51 |
| 10G43-10-8 | 5/8 | 7/8x14 | 1/2 | 3.27 | 83 | 1 | 2.01 | 51 |
| 10G43-12-12 | 3/4 | 1-1/16x12 | 3/4 | 3.78 | 96 | 1-1/4 | 2.34 | 59 |




O-Ring not compatible with Phosphate Ester fluids.

Fitting allows minor movement under pressure to relieve stress on hose but is not to be used on continuous or extensive swiveling.

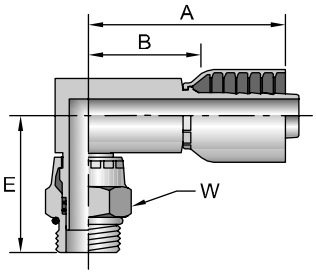




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Parker Hannifin Corporation
Wickliffe, Ohio
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# 10L43

## Male SAE Straight Thread with O-Ring - Swivel - 90° Elbow




| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 10L43-6-6 | 3/8 | 9/16x18 | 3/8 | 2.53 | 64 | 2.10 | 53 | 3/4 | 1.50 | 38 |
| 10L43-8-6 | 1/2 | 3/4x16 | 3/8 | 2.66 | 68 | 1.86 | 47 | 7/8 | 1.63 | 41 |
| 10L43-8-8 | 1/2 | 3/4x16 | 1/2 | 2.96 | 75 | 1.87 | 47 | 7/8 | 1.70 | 43 |
| 10L43-10-8 | 5/8 | 7/8x14 | 1/2 | 2.96 | 75 | 1.92 | 49 | 1 | 1.70 | 43 |
| 10L43-12-12 | 3/4 | 1-1/16x12 | 3/4 | 3.22 | 82 | 2.30 | 58 | 1-1/4 | 1.88 | 48 |

O-Ring not compatible with Phosphate Ester fluids.

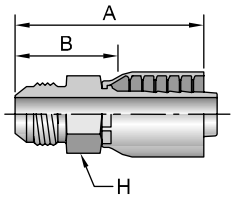
See Technical Section for pressure limitations.

Fitting allows minor movement under pressure to relieve stress on hose but is not to be used on continuous or extensive swiveling.

# 10343

## Male JIC 37° - Rigid

ISO 12151-5




| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | H inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|
| 10343-4-4 | 1/4 | 7/16x20 | 1/4 | 1.99 | 51 | 9/16 | 1.24 | 31 |
| 10343-5-4 | 5/16 | 1/2x20 | 1/4 | 1.83 | 46 | 9/16 | 1.08 | 27 |
| 10343-5-6 | 5/16 | 1/2x20 | 3/8 | 2.26 | 57 | 3/4 | 1.23 | 31 |
| 10343-6-4 | 3/8 | 9/16x18 | 1/4 | 1.84 | 47 | 11/16 | 1.09 | 28 |
| 10343-6-6 | 3/8 | 9/16x18 | 3/8 | 2.36 | 60 | 3/4 | 1.33 | 34 |
| 10343-8-6 | 1/2 | 3/4x16 | 3/8 | 2.30 | 58 | 7/8 | 1.27 | 32 |
| 10343-8-8 | 1/2 | 3/4x16 | 1/2 | 2.68 | 68 | 7/8 | 1.42 | 36 |
| 10343-8-10 | 1/2 | 3/4x16 | 5/8 | 2.85 | 72 | 7/8 | 1.41 | 36 |
| 10343-10-6 | 5/8 | 7/8x14 | 3/8 | 2.40 | 61 | 15/16 | 1.37 | 35 |
| 10343-10-8 | 5/8 | 7/8x14 | 1/2 | 2.62 | 67 | 15/16 | 1.36 | 35 |
| 10343-10-10 | 5/8 | 7/8x14 | 5/8 | 3.03 | 77 | 15/16 | 1.59 | 40 |
| 10343-12-8 | 3/4 | 1-1/16x12 | 1/2 | 2.76 | 70 | 1-1/8 | 1.50 | 38 |
| 10343-12-10 | 3/4 | 1-1/16x12 | 5/8 | 3.07 | 78 | 1-1/8 | 1.63 | 41 |
| 10343-12-12 | 3/4 | 1-1/16x12 | 3/4 | 3.19 | 81 | 1-1/8 | 1.75 | 44 |
| 10343-14-12 | 7/8 | 1-3/16x12 | 3/4 | 3.11 | 79 | 1-1/4 | 1.67 | 42 |
| 10343-16-12 | 1 | 1-5/16x12 | 3/4 | 3.04 | 77 | 1-3/8 | 1.60 | 41 |
| 10343-16-16 | 1 | 1-5/16x12 | 1 | 3.63 | 92 | 1-3/8 | 2.01 | 51 |
| 10343-20-20 | 1-1/4 | 1-5/8x12 | 1-1/4 | 3.96 | 101 | 1-7/8 | 2.27 | 58 |
| 10343-24-20 | 1-1/2 | 1-7/8x12 | 1-1/4 | 3.71 | 94 | 2 | 2.02 | 51 |



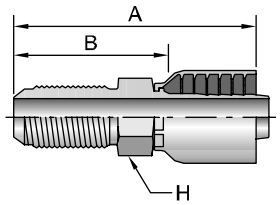
**Hose Products Division**
Parker Hannifin Corporation
Wickliffe, Ohio
www.parkerhose.com

# 1LB43

## Male JIC 37° - Bulkhead without Locknut

ISO 12151-5

| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | H inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|
| 1LB43-4-4 | 1/4 | 7/16x20 | 1/4 | 2.64 | 67 | 9/16 | 1.89 | 48 |
| 1LB43-6-6 | 3/8 | 9/16x18 | 3/8 | 3.08 | 78 | 3/4 | 2.05 | 52 |
| 1LB43-8-8 | 1/2 | 3/4x16 | 1/2 | 3.46 | 88 | 7/8 | 2.20 | 56 |
| 1LB43-10-10 | 5/8 | 7/8x14 | 5/8 | 3.85 | 98 | 15/16 | 2.41 | 61 |
| 1LB43-12-12 | 3/4 | 1-1/16x12 | 3/4 | 4.08 | 104 | 1-1/8 | 2.64 | 67 |



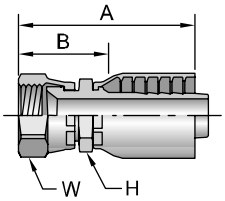

Fittings are stocked less locknut (part no. WLN). Locknuts are manufactured by the Parker Tube Fittings Division and must be ordered separately.

# 10643

## Female JIC 37° - Swivel

ISO 12151-5

| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | H inch | W inch | B inch | B mm | Additional Material Stainless Steel (C) |
|---|---|---|---|---|---|---|---|---|---|---|
| 10643-4-4 | 1/4 | 7/16x20 | 1/4 | 1.94 | 49 | 9/16 | 9/16 | 1.19 | 30 | • |
| 10643-4-6 | 1/4 | 7/16x20 | 3/8 | 2.20 | 56 | 11/16 | 9/16 | 1.17 | 30 | |
| 10643-5-4 | 5/16 | 1/2x20 | 1/4 | 2.03 | 52 | 9/16 | 5/8 | 1.28 | 33 | |
| 10643-5-5 | 5/16 | 1/2x20 | 5/16 | 2.08 | 53 | 11/16 | 5/8 | 1.33 | 34 | |
| 10643-5-6 | 5/16 | 1/2x20 | 3/8 | 2.26 | 57 | 11/16 | 5/8 | 1.23 | 31 | |
| 10643-6-4 | 3/8 | 9/16x18 | 1/4 | 2.05 | 52 | 9/16 | 11/16 | 1.30 | 33 | |
| 10643-6-5 | 3/8 | 9/16x18 | 5/16 | 2.10 | 53 | 11/16 | 11/16 | 1.35 | 34 | |
| 10643-6-6 | 3/8 | 9/16x18 | 3/8 | 2.29 | 58 | 11/16 | 11/16 | 1.26 | 32 | • |
| 10643-6-8 | 3/8 | 9/16x18 | 1/2 | 2.51 | 64 | 13/16 | 11/16 | 1.25 | 32 | |
| 10643-8-6 | 1/2 | 3/4x16 | 3/8 | 2.49 | 63 | 11/16 | 7/8 | 1.46 | 37 | • |
| 10643-8-8 | 1/2 | 3/4x16 | 1/2 | 2.77 | 67 | 13/16 | 7/8 | 1.51 | 35 | • |
| 10643-8-10 | 1/2 | 3/4x16 | 5/8 | 2.82 | 72 | 15/16 | 7/8 | 1.38 | 35 | |
| 10643-8-12 | 1/2 | 3/4x16 | 3/4 | 2.83 | 72 | 1-1/16 | 7/8 | 1.39 | 35 | |
| 10643-10-6 | 5/8 | 7/8x14 | 3/8 | 2.51 | 64 | 7/8 | 1 | 1.48 | 38 | |
| 10643-10-8 | 5/8 | 7/8x14 | 1/2 | 2.85 | 72 | 7/8 | 1 | 1.59 | 40 | |
| 10643-10-10 | 5/8 | 7/8x14 | 5/8 | 2.93 | 74 | 15/16 | 1 | 1.49 | 38 | • |
| 10643-10-12 | 5/8 | 7/8x14 | 3/4 | 2.93 | 74 | 1-1/16 | 1 | 1.49 | 38 | |
| 10643-12-8 | 3/4 | 1-1/16x12 | 1/2 | 2.78 | 71 | 1-1/16 | 1-1/4 | 1.52 | 39 | |
| 10643-12-10 | 3/4 | 1-1/16x12 | 5/8 | 3.10 | 79 | 1-1/16 | 1-1/4 | 1.66 | 42 | |
| 10643-12-12 | 3/4 | 1-1/16x12 | 3/4 | 3.17 | 81 | 1-1/16 | 1-1/4 | 1.73 | 44 | • |
| 10643-12-16 | 3/4 | 1-1/16x12 | 1 | 3.29 | 84 | 1-3/8 | 1-1/4 | 1.67 | 42 | |
| 10643-14-12 | 7/8 | 1-3/16x12 | 3/4 | 3.18 | 81 | 1-1/4 | 1-3/8 | 1.74 | 44 | |
| 10643-16-12 | 1 | 1-5/16x12 | 3/4 | 3.31 | 84 | 1-1/4 | 1-1/2 | 1.87 | 47 | |
| 10643-16-16 | 1 | 1-5/16x12 | 1 | 3.62 | 92 | 1-3/8 | 1-1/2 | 2.00 | 51 | • |
| 10643-20-16 | 1-1/4 | 1-5/8x12 | 1 | 3.81 | 97 | 1-5/8 | 2 | 2.19 | 56 | |
| 10643-20-20 | 1-1/4 | 1-5/8x12 | 1-1/4 | 3.94 | 100 | 1-7/8 | 2 | 2.25 | 57 | • |
| 10643-24-24 | 1-1/2 | 1-7/8x12 | 1-1/2 | 3.84 | 98 | 2-1/8 | 2-1/4 | 2.47 | 63 | |
| 10643-32-32 | 2 | 2-1/2x12 | 2 | 4.73 | 120 | 2-1/2 | 2-7/8 | 2.95 | 75 | |

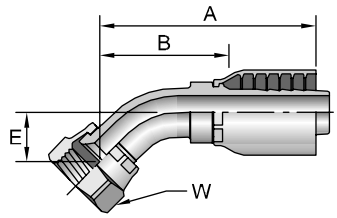



Stainless steel fittings must be assembled with Karrykrimp 2, PHastkrimp, Superkrimp or Parkrimp 2. See CrimpSource for more information.

## 13743

### Female JIC 37° - Swivel - 45° Elbow - Short Drop

ISO 12151-5

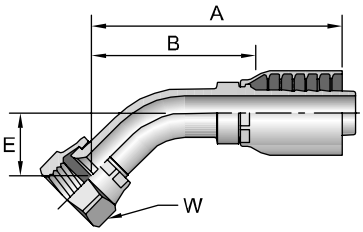



| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 13743-4-4 | 1/4 | 7/16x20 | 1/4 | 1.96 | 50 | 0.39 | 10 | 9/16 | 1.21 | 31 |
| 13743-5-4 | 5/16 | 1/2x20 | 1/4 | 2.19 | 56 | 0.39 | 10 | 5/8 | 1.44 | 37 |
| 13743-6-4 | 3/8 | 9/16x18 | 1/4 | 2.23 | 57 | 0.39 | 10 | 11/16 | 1.48 | 38 |
| 13743-6-6 | 3/8 | 9/16x18 | 3/8 | 2.39 | 61 | 0.39 | 10 | 11/16 | 1.39 | 35 |
| 13743-8-6 | 1/2 | 3/4x16 | 3/8 | 2.74 | 70 | 0.55 | 14 | 7/8 | 1.74 | 44 |
| 13743-8-8 | 1/2 | 3/4x16 | 1/2 | 2.83 | 72 | 0.55 | 14 | 7/8 | 1.57 | 40 |
| 13743-10-8 | 5/8 | 7/8x14 | 1/2 | 2.93 | 74 | 0.63 | 16 | 1 | 1.67 | 42 |
| 13743-10-10 | 5/8 | 7/8x14 | 5/8 | 3.17 | 81 | 0.63 | 16 | 1 | 1.73 | 44 |
| 13743-12-10 | 3/4 | 1-1/16x12 | 5/8 | 3.62 | 92 | 0.83 | 21 | 1-1/4 | 2.08 | 53 |
| 13743-12-12 | 3/4 | 1-1/16x12 | 3/4 | 3.63 | 92 | 0.78 | 20 | 1-1/4 | 2.19 | 56 |
| 13743-16-16 | 1 | 1-5/16x12 | 1 | 4.34 | 110 | 0.95 | 24 | 1-1/2 | 2.72 | 69 |
| 13743-20-20 | 1-1/4 | 1-5/8x12 | 1-1/4 | 4.59 | 117 | 1.19 | 30 | 2 | 2.82 | 72 |
| 13743-24-24 | 1-1/2 | 1-7/8x12 | 1-1/2 | 5.50 | 140 | 1.47 | 37 | 2-1/4 | 4.18 | 106 |

## 1L743

### Female JIC 37° - Swivel - 45° Elbow - Medium Drop

ISO 12151-5




| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 1L743-6-6 | 3/8 | 9/16x18 | 3/8 | 2.66 | 62 | 0.59 | 15 | 11/16 | 1.63 | 41 |
| 1L743-8-8 | 1/2 | 3/4x16 | 1/2 | 3.17 | 80 | 0.72 | 18 | 7/8 | 1.91 | 49 |
| 1L743-12-12 | 3/4 | 1-1/16x12 | 3/4 | 4.23 | 107 | 1.06 | 27 | 1-1/4 | 2.79 | 71 |
| 1L743-16-16 | 1 | 1-5/16x12 | 1 | 4.51 | 115 | 1.07 | 27 | 1-1/2 | 2.89 | 73 |



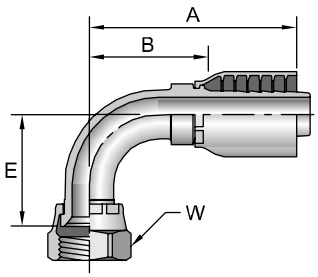
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# 13943

## Female JIC 37° - Swivel - 90° Elbow - Short Drop

ISO 12151-5

| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 13943-4-4 | 1/4 | 7/16x20 | 1/4 | 1.78 | 45 | 0.83 | 21 | 9/16 | 1.03 | 26 |
| 13943-4-6 | 1/4 | 7/16x20 | 3/8 | 2.11 | 54 | 0.83 | 21 | 9/16 | 1.08 | 27 |
| 13943-5-4 | 5/16 | 1/2x20 | 1/4 | 1.88 | 48 | 0.83 | 21 | 5/8 | 1.13 | 29 |
| 13943-5-5 | 5/16 | 1/2x20 | 5/16 | 1.96 | 50 | 0.83 | 21 | 5/8 | 1.21 | 31 |
| 13943-6-4 | 3/8 | 9/16x18 | 1/4 | 2.12 | 54 | 0.85 | 22 | 11/16 | 1.37 | 35 |
| 13943-6-6 | 3/8 | 9/16x18 | 3/8 | 2.21 | 56 | 0.91 | 23 | 11/16 | 1.18 | 30 |
| 13943-6-8 | 3/8 | 9/16x18 | 1/2 | 2.51 | 64 | 0.85 | 22 | 11/16 | 1.25 | 32 |
| 13943-8-6 | 1/2 | 3/4x16 | 3/8 | 2.52 | 64 | 1.09 | 28 | 7/8 | 1.49 | 38 |
| 13943-8-8 | 1/2 | 3/4x16 | 1/2 | 2.62 | 67 | 1.14 | 29 | 7/8 | 1.36 | 35 |
| 13943-10-8 | 5/8 | 7/8x14 | 1/2 | 2.74 | 70 | 1.26 | 32 | 1 | 1.48 | 38 |
| 13943-10-10 | 5/8 | 7/8x14 | 5/8 | 2.97 | 75 | 1.26 | 32 | 1 | 1.69 | 39 |
| 13943-12-8 | 3/4 | 1-1/16x12 | 1/2 | 3.25 | 83 | 1.83 | 46 | 1-1/4 | 1.99 | 51 |
| 13943-12-10 | 3/4 | 1-1/16x12 | 5/8 | 3.07 | 78 | 1.89 | 48 | 1-1/4 | 1.63 | 41 |
| 13943-12-12 | 3/4 | 1-1/16x12 | 3/4 | 3.49 | 89 | 1.89 | 48 | 1-1/4 | 2.05 | 52 |
| 13943-16-12 | 1 | 1-5/16x12 | 3/4 | 3.49 | 89 | 2.00 | 51 | 1-1/2 | 2.05 | 52 |
| 13943-16-16 | 1 | 1-5/16x12 | 1 | 4.28 | 109 | 2.20 | 56 | 1-1/2 | 2.66 | 68 |
| 13943-20-20 | 1-1/4 | 1-5/8x12 | 1-1/4 | 4.43 | 113 | 2.59 | 66 | 2 | 2.74 | 70 |
| 13943-24-24 | 1-1/2 | 1-7/8x12 | 1-1/2 | 5.50 | 140 | 3.81 | 81 | 2-1/4 | 4.13 | 105 |
| 13943-32-32 | 2 | 2-1/2x12 | 2 | 6.75 | 171,4 | 4.62 | 117 | 2-7/8 | 4.97 | 126,2 |

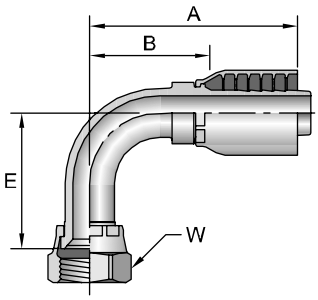



# 1L943

## Female JIC 37° - Swivel - 90° Elbow - Medium Drop

ISO 12151-5

| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 1L943-4-4 | 1/4 | 7/16x20 | 1/4 | 1.84 | 47 | 1.26 | 32 | 9/16 | 1.09 | 28 |
| 1L943-6-4 | 3/8 | 9/16x18 | 1/4 | 2.12 | 54 | 1.50 | 38 | 11/16 | 1.37 | 35 |
| 1L943-6-6 | 3/8 | 9/16x18 | 3/8 | 2.29 | 58 | 1.50 | 38 | 11/16 | 1.26 | 32 |
| 1L943-8-6 | 1/2 | 3/4x16 | 3/8 | 2.51 | 64 | 1.61 | 41 | 7/8 | 1.48 | 38 |
| 1L943-8-8 | 1/2 | 3/4x16 | 1/2 | 2.64 | 67 | 1.61 | 41 | 7/8 | 1.38 | 35 |
| 1L943-10-8 | 5/8 | 7/8x14 | 1/2 | 3.25 | 83 | 1.75 | 44 | 1 | 1.99 | 51 |
| 1L943-12-12 | 3/4 | 1-1/16x12 | 3/4 | 3.49 | 89 | 2.28 | 58 | 1-1/4 | 2.05 | 52 |
| 1L943-16-16 | 1 | 1-5/16x12 | 1 | 4.44 | 113 | 2.50 | 64 | 1-1/2 | 2.82 | 72 |








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A

B

C

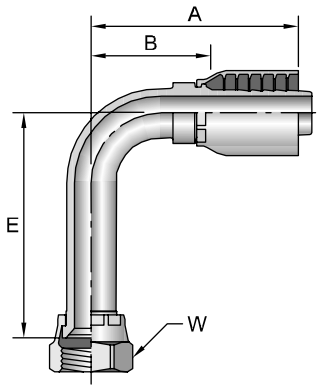
D

E

## 14143

### Female JIC 37° - Swivel - 90° Elbow - Long Drop

ISO 12151-5

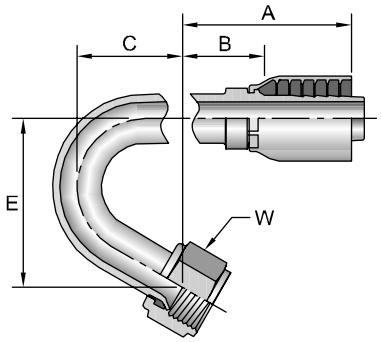



| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 14143-4-4 | 1/4 | 7/16x20 | 1/4 | 1.96 | 50 | 1.81 | 46 | 9/16 | 1.21 | 31 |
| 14143-5-4 | 5/16 | 1/2x20 | 1/4 | 1.93 | 49 | 1.80 | 46 | 5/8 | 1.18 | 30 |
| 14143-6-6 | 3/8 | 9/16x18 | 3/8 | 2.27 | 58 | 2.18 | 55 | 11/16 | 1.27 | 32 |
| 14143-8-6 | 1/2 | 3/4x16 | 3/8 | 2.56 | 65 | 2.43 | 62 | 7/8 | 1.56 | 40 |
| 14143-8-8 | 1/2 | 3/4x16 | 1/2 | 2.62 | 67 | 2.52 | 64 | 7/8 | 1.36 | 35 |
| 14143-10-8 | 5/8 | 7/8x14 | 1/2 | 2.78 | 71 | 2.58 | 66 | 1 | 1.52 | 39 |
| 14143-10-10 | 5/8 | 7/8x14 | 5/8 | 3.16 | 80 | 2.58 | 66 | 1 | 1.75 | 44 |
| 14143-12-12 | 3/4 | 1-1/16x12 | 3/4 | 3.49 | 89 | 3.74 | 95 | 1-1/4 | 2.05 | 52 |
| 14143-14-12 | 7/8 | 1-3/16x12 | 3/4 | 3.38 | 86 | 3.93 | 100 | 1-3/8 | 1.95 | 50 |
| 14143-16-16 | 1 | 1-5/16x12 | 1 | 3.90 | 99 | 4.32 | 110 | 1-1/2 | 2.31 | 59 |
| 14143-20-20 | 1-1/4 | 1-5/8x12 | 1-1/4 | 4.39 | 112 | 5.28 | 134 | 2 | 2.73 | 69 |

## 14V43

### Female JIC 37° - Swivel - 150° Elbow

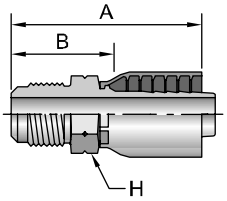
ISO 12151-5




| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | C inch | C mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 14V43-6-4 | 3/8 | 9/16x18 | 1/4 | 2.89 | 73 | 1.36 | 11/16 | 1.97 | 50 | 11/16 | 2.16 | 55 |

## 10443

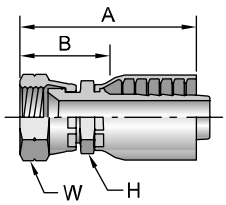
### Male SAE 45° - Rigid




| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | H inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|
| 10443-6-6 | 3/8 | 5/8x18 | 3/8 | 2.21 | 56 | 3/4 | 1.21 | 31 |
| 10443-12-12 | 3/4 | 1-1/16x14 | 3/4 | 3.20 | 81 | 1-1/8 | 1.77 | 45 |

## 10843

### Female SAE 45° - Swivel




| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | H inch | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 10843-6-4 | 3/8 | 5/8x18 | 1/4 | 2.11 | 54 | 3/4 | 3/4 | 1.36 | 35 |
| 10843-6-6 | 3/8 | 5/8x18 | 3/8 | 2.38 | 60 | 3/4 | 3/4 | 1.35 | 34 |
| 10843-12-12 | 3/4 | 1-1/16x14 | 3/4 | 3.17 | 81 | 1-1/16 | 1-1/4 | 1.73 | 44 |

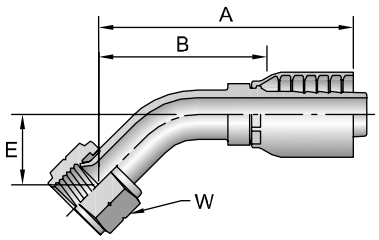
Notch on nut signifies SAE 45° flare.



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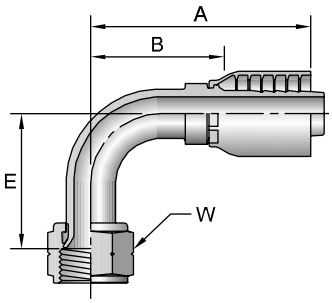
## 17743
### Female SAE 45° - Swivel - 45° Elbow

| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 17743-4-6 | 1/4 | 7/16x20 | 3/8 | 2.28 | 58 | 0.33 | 8 | 9/16 | 1.25 | 32 |



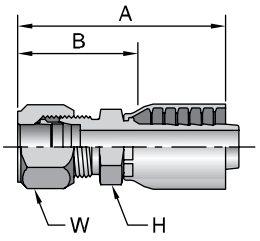

## 17943
### Female SAE 45° - Swivel - 90° Elbow

| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 17943-6-6 | 3/8 | 5/8x18 | 3/8 | 2.13 | 54 | 0.85 | 22 | 3/4 | 1.13 | 29 |




## 11143
### Male Ferulok Flareless - Rigid
### (24° Cone with Nut and Ferrule)

| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | H inch | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 11143-4-4 | 1/4 | 7/16x20 | 1/4 | 2.13 | 54 | 9/16 | 9/16 | 1.40 | 36 |
| 11143-4-6 | 1/4 | 7/16x20 | 3/8 | 2.44 | 62 | 3/4 | 9/16 | 1.44 | 37 |
| 11143-5-4 | 5/16 | 1/2x20 | 1/4 | 2.13 | 54 | 9/16 | 5/8 | 1.40 | 36 |
| 11143-5-6 | 5/16 | 1/2x20 | 3/8 | 2.44 | 62 | 3/4 | 5/8 | 1.44 | 37 |
| 11143-6-6 | 3/8 | 9/16x18 | 3/8 | 2.50 | 64 | 3/4 | 11/16 | 1.50 | 38 |
| 11143-8-8 | 1/2 | 3/4x16 | 1/2 | 2.93 | 74 | 7/8 | 7/8 | 1.68 | 43 |
| 11143-10-8 | 5/8 | 7/8x14 | 1/2 | 3.07 | 78 | 15/16 | 1 | 1.82 | 46 |
| 11143-12-12 | 3/4 | 1-1/16x12 | 3/4 | 3.39 | 86 | 1-1/8 | 1-1/4 | 1.96 | 50 |
| 11143-16-16 | 1 | 1-5/16x12 | 1 | 3.80 | 97 | 1-3/8 | 1-1/2 | 2.18 | 55 |




The Parker Ferrul-Fix fitting makes it possible to salvage the bent tube section from a hose assembly for quick, easy on-the-job repairs. For additional information see Ferrule-Fix installation instructions in the Technical Section.

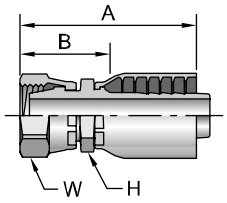
Notch on nut signifies SAE 45° flare.



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## 11243

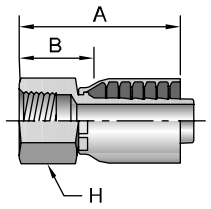
### Female Ferulok Flareless - Swivel - (24° Cone)




| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | H inch | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 11243-6-6 | 3/8 | 9/16x18 | 3/8 | 2.51 | 64 | 11/16 | 11/16 | 1.48 | 38 |
| 11243-8-6 | 1/2 | 3/4x16 | 3/8 | 2.67 | 68 | 7/8 | 7/8 | 1.64 | 42 |
| 11243-8-8 | 1/2 | 3/4x16 | 1/2 | 2.89 | 73 | 7/8 | 7/8 | 1.63 | 41 |

## 1GJ43

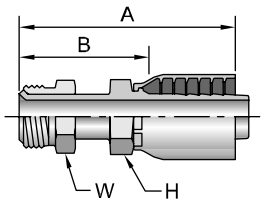
### Female Grease Connection - SPL - PTF Taper Thread Rigid - 1/2 x 27




| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | H inch | B inch | B mm |
|---|---|---|---|---|---|---|---|
| 1GJ43-4-4 | 1/2x27 | 1/4 | 1.79 | 45 | 3/4 | 1.04 | 26 |
| 1GJ43-4-6 | 1/2x27 | 3/8 | 2.05 | 52 | 3/4 | 1.02 | 26 |

## 12843

### Male Inverted SAE 45° - Swivel




| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | H inch | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 12843-4-4 | 1/4 | 7/16x24 | 1/4 | 2.32 | 59 | 9/16 | 7/16 | 1.57 | 40 |
| 12843-4-6 | 1/4 | 7/16x24 | 3/8 | 2.65 | 67 | 11/16 | 7/16 | 1.62 | 41 |
| 12843-5-4 | 5/16 | 1/2x20 | 1/4 | 2.60 | 66 | 9/16 | 1/2 | 1.85 | 47 |
| 12843-5-6 | 5/16 | 1/2x20 | 3/8 | 2.74 | 70 | 11/16 | 1/2 | 1.71 | 43 |
| 12843-6-6 | 3/8 | 5/8x18 | 3/8 | 2.86 | 73 | 11/16 | 5/8 | 1.83 | 46 |
| 12843-7-6 | 7/16 | 11/16x18 | 3/8 | 2.95 | 75 | 11/16 | 11/16 | 1.92 | 49 |
| 12843-8-8 | 1/2 | 3/4x18 | 1/2 | 3.11 | 79 | 13/16 | 3/4 | 1.85 | 47 |
| 12843-10-10 | 5/8 | 7/8x18 | 5/8 | 3.55 | 90 | 3/4 | 7/8 | 2.11 | 54 |

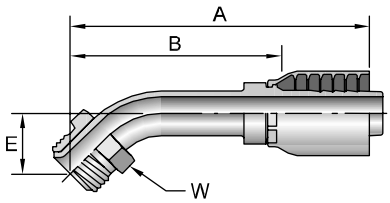


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# 16743

## Male Inverted SAE 45° - Swivel - 45° Elbow

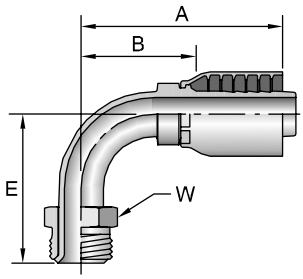
| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 16743-4-4 | 1/4 | 7/16x24 | 1/4 | 2.09 | 53 | 0.63 | 16 | 7/16 | 1.34 | 34 |
| 16743-4-6 | 1/4 | 7/16x24 | 3/8 | 2.42 | 61 | 0.63 | 16 | 7/16 | 1.39 | 35 |
| 16743-5-4 | 5/16 | 1/2x20 | 1/4 | 2.34 | 59 | 0.70 | 18 | 1/2 | 1.59 | 40 |
| 16743-5-6 | 5/16 | 1/2x20 | 3/8 | 2.48 | 63 | 0.70 | 18 | 1/2 | 1.45 | 37 |
| 16743-6-6 | 3/8 | 5/8x18 | 3/8 | 2.93 | 74 | 0.94 | 24 | 5/8 | 1.90 | 48 |
| 16743-8-8 | 1/2 | 3/4x18 | 1/2 | 3.23 | 82 | 1.09 | 28 | 3/4 | 1.97 | 50 |




# 16943

## Male Inverted SAE 45° - Swivel - 90° Elbow

| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 16943-4-4 | 1/4 | 7/16x24 | 1/4 | 2.16 | 55 | 1.56 | 40 | 7/16 | 1.41 | 36 |
| 16943-4-6 | 1/4 | 7/16x24 | 3/8 | 2.49 | 63 | 1.56 | 40 | 7/16 | 1.46 | 37 |
| 16943-5-4 | 5/16 | 1/2x20 | 1/4 | 2.41 | 61 | 1.65 | 42 | 1/2 | 1.66 | 42 |
| 16943-5-6 | 5/16 | 1/2x20 | 3/8 | 2.59 | 66 | 1.65 | 42 | 1/2 | 1.56 | 40 |
| 16943-6-6 | 3/8 | 5/8x18 | 3/8 | 2.61 | 66 | 1.69 | 43 | 5/8 | 1.58 | 40 |
| 16943-7-6 | 7/16 | 11/16x18 | 3/8 | 2.53 | 64 | 1.72 | 44 | 11/16 | 1.50 | 38 |
| 16943-8-8 | 1/2 | 3/4x18 | 1/2 | 2.81 | 71 | 1.88 | 48 | 3/4 | 1.55 | 39 |

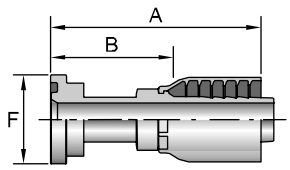



# 11543

## SAE Code 61 Flange Head

ISO 12151-3 - S - L

| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|
| 11543-8-8 | 1/2 | 1/2 | 3.48 | 88 | 1-3/16 | 2.22 | 56 |
| 11543-10-10 | 5/8 | 5/8 | 3.78 | 96,0 | 1-11/32 | 2.34 | 59,4 |
| 11543-12-8 | 3/4 | 1/2 | 2.46 | 62,5 | 1-1/2 | 1.20 | 30,5 |
| 11543-12-12 | 3/4 | 3/4 | 3.54 | 90 | 1-1/2 | 2.10 | 53 |
| 11543-16-12 | 1 | 3/4 | 2.74 | 70 | 1-3/4 | 1.30 | 33 |
| 11543-16-16 | 1 | 1 | 4.25 | 108 | 1-3/4 | 2.63 | 67 |
| 11543-20-16 | 1-1/4 | 1 | 3.19 | 81 | 2 | 1.57 | 40 |
| 11543-20-20 | 1-1/4 | 1-1/4 | 4.70 | 119 | 2 | 3.01 | 76 |
| 11543-24-20 | 1-1/2 | 1-1/4 | 3.22 | 82 | 2-3/8 | 1.53 | 39 |
| 11543-24-24 | 1-1/2 | 1-1/2 | 4.59 | 117 | 2-3/8 | 3.22 | 82 |
| 11543-24-32 | 1-1/2 | 2 | 5.65 | 144 | 2-7/8 | 3.87 | 98 |
| 11543-32-20 | 2 | 1-1/4 | 4.29 | 109,0 | 2-13/16 | 2.60 | 66,0 |
| 11543-32-24 | 2 | 1-1/2 | 3.14 | 80 | 2-7/8 | 1.77 | 45 |
| 11543-32-32 | 2 | 2 | 4.99 | 127 | 2-13/16 | 3.21 | 82 |




See Accessories Section for O-Rings and Flange Kits.

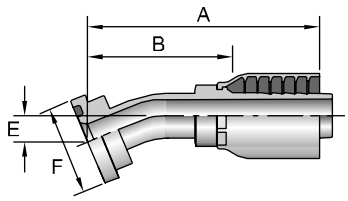


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## 11643

### SAE Code 61 Flange Head - 22-1/2° Elbow

ISO 12151-3 - E22M - L

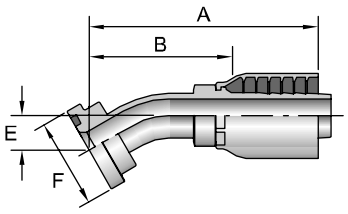



| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 11643-12-12 | 3/4 | 3/4 | 3.90 | 99 | 0.44 | 11 | 1-1/2 | 2.47 | 63 |
| 11643-16-12 | 1 | 3/4 | 3.89 | 99 | 0.44 | 11 | 1-3/4 | 2.46 | 62 |
| 11643-16-16 | 1 | 1 | 4.25 | 108 | 0.44 | 11 | 1-3/4 | 2.66 | 68 |
| 11643-20-16 | 1-1/4 | 1 | 4.25 | 108 | 0.44 | 11 | 2 | 2.66 | 68 |
| 11643-20-20 | 1-1/4 | 1-1/4 | 4.65 | 118 | 0.50 | 13 | 2 | 3.00 | 76 |
| 11643-24-20 | 1-1/2 | 1-1/4 | 4.66 | 118 | 0.51 | 13 | 2-3/8 | 3.01 | 76 |

## 12643

### SAE Code 61 Flange Head - 30° Elbow

ISO 12151-3 - E30S - L (1 Piece: ISO 12151-3 - E30M - L)

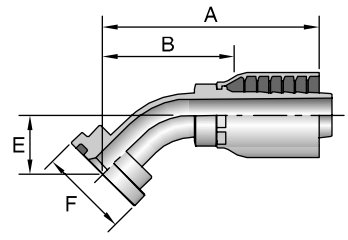



| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 12643-12-12 | 3/4 | 3/4 | 3.90 | 99 | 0.59 | 15 | 1-1/2 | 2.46 | 62 |
| 12643-16-16 | 1 | 1 | 4.38 | 111 | 0.62 | 16 | 1-3/4 | 2.76 | 70 |
| 12643-20-16 | 1-1/4 | 1 | 4.38 | 111 | 0.62 | 16 | 2 | 2.76 | 70 |
| 12643-20-20 | 1-1/4 | 1-1/4 | 4.39 | 112 | 0.72 | 18 | 2 | 2.70 | 69 |

## 11743

### SAE Code 61 Flange Head - 45° Elbow

ISO 12151-3 - E45S - L (1 Piece: ISO 12151-3 - E45M - L)




| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 11743-8-8 | 1/2 | 1/2 | 3.28 | 83 | 0.77 | 20 | 1-3/16 | 2.02 | 51 |
| 11743-10-10 | 5/8 | 5/8 | 4.63 | 118 | 0.94 | 24 | 1-11/32 | 3.19 | 81 |
| 11743-12-8 | 3/4 | 1/2 | 3.32 | 84 | 0.81 | 21 | 1-1/2 | 2.06 | 52 |
| 11743-12-12 | 3/4 | 3/4 | 3.85 | 98 | 1.02 | 26 | 1-1/2 | 2.41 | 61 |
| 11743-16-12 | 1 | 3/4 | 3.85 | 98 | 1.02 | 26 | 1-3/4 | 2.41 | 61 |
| 11743-16-16 | 1 | 1 | 4.76 | 121 | 1.26 | 32 | 1-3/4 | 3.14 | 80 |
| 11743-20-16 | 1-1/4 | 1 | 4.76 | 121 | 1.26 | 32 | 2 | 3.14 | 80 |
| 11743-20-20 | 1-1/4 | 1-1/4 | 5.61 | 142 | 1.50 | 38 | 2 | 3.92 | 100 |
| 11743-20-24 | 1-1/4 | 1-1/2 | 5.45 | 138 | 1.38 | 35 | 2 | 4.08 | 104 |
| 11743-24-20 | 1-1/2 | 1-1/4 | 5.55 | 141 | 1.496 | 38 | 2-3/8 | 3.86 | 98 |
| 11743-24-24 | 1-1/2 | 1-1/2 | 5.50 | 140 | 1.43 | 36 | 2-3/8 | 4.13 | 105 |
| 11743-32-24 | 2 | 1-1/2 | 5.49 | 139 | 1.42 | 36 | 2-13/16 | 4.12 | 105 |
| 11743-32-32 | 2 | 2 | 7.23 | 184 | 1.98 | 50 | 2-13/16 | 5.45 | 138 |

See Accessories Section for O-Rings and Flange Kits.



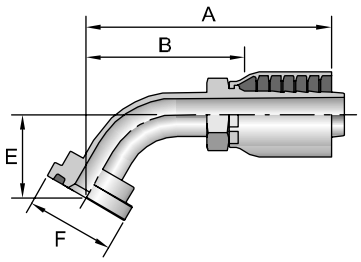
**Hose Products Division**
Parker Hannifin Corporation
Wickliffe, Ohio
www.parkerhose.com

# 12743

## SAE Code 61 Flange Head - 60° Elbow

ISO 12151-3 - E60S - L (1 Piece: ISO 12151-3 - E60M - L)

| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 12743-12-12 | 3/4 | 3/4 | 4.16 | 105 | 1.43 | 36 | 1-1/2 | 2.72 | 69 |
| 12743-16-12 | 1 | 3/4 | 4.15 | 105 | 1.39 | 35 | 1-3/4 | 2.71 | 69 |
| 12743-16-16 | 1 | 1 | 4.45 | 113 | 1.50 | 38 | 1-3/4 | 2.83 | 72 |
| 12743-20-20 | 1-1/4 | 1-1/4 | 5.09 | 129 | 1.69 | 43 | 2 | 3.40 | 86 |

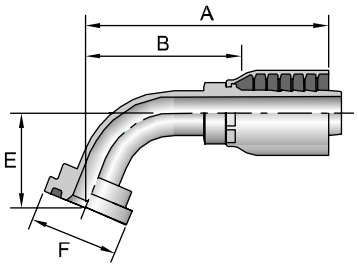



# 11843

## SAE Code 61 Flange Head - 67-1/2° Elbow

ISO 12151-3 - E67S - L (1 Piece: ISO 12151-3 - E67M - L)

| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 11843-12-12 | 3/4 | 3/4 | 4.09 | 104 | 1.60 | 41 | 1-1/2 | 2.66 | 68 |
| 11843-16-16 | 1 | 1 | 4.66 | 118 | 1.75 | 44 | 1-3/4 | 3.07 | 78 |
| 11843-20-20 | 1-1/4 | 1-1/4 | 5.04 | 128 | 1.94 | 49 | 2 | 3.37 | 86 |

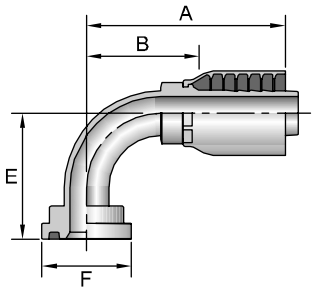



# 11943

## SAE Code 61 Flange Head - 90° Elbow

ISO 12151-3 - E90S - L (1 Piece: ISO 12151-3 - E90M - L)

| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 11943-8-8 | 1/2 | 1/2 | 2.93 | 74 | 1.60 | 41 | 1-3/16 | 1.67 | 42 |
| 11943-10-10 | 5/8 | 5/8 | 3.71 | 94 | 2.10 | 53 | 1-11/32 | 2.27 | 58 |
| 11943-12-8 | 3/4 | 1/2 | 2.93 | 74 | 1.66 | 42 | 1-1/2 | 1.67 | 42 |
| 11943-12-10 | 3/4 | 5/8 | 3.71 | 94 | 2.10 | 53 | 1-1/2 | 2.27 | 58 |
| 11943-12-12 | 3/4 | 3/4 | 3.51 | 89 | 2.28 | 58 | 1-1/2 | 2.07 | 53 |
| 11943-16-8 | 1 | 1/2 | 2.91 | 74 | 2.03 | 52 | 1-3/4 | 1.65 | 42 |
| 11943-16-12 | 1 | 3/4 | 3.59 | 91 | 2.24 | 57 | 1-3/4 | 2.15 | 55 |
| 11943-16-16 | 1 | 1 | 4.28 | 109 | 2.78 | 71 | 1-3/4 | 2.66 | 68 |
| 11943-20-16 | 1-1/4 | 1 | 4.25 | 108 | 2.76 | 70 | 2 | 2.63 | 67 |
| 11943-20-20 | 1-1/4 | 1-1/4 | 5.12 | 130 | 3.54 | 90 | 2 | 3.43 | 87 |
| 11943-24-20 | 1-1/2 | 1-1/4 | 5.09 | 129 | 3.54 | 90 | 2-3/8 | 3.40 | 86 |
| 11943-20-24 | 1-1/4 | 1-1/2 | 4.19 | 106 | 2.49 | 63 | 2 | 2.82 | 72 |
| 11943-24-24 | 1-1/2 | 1-1/2 | 5.50 | 140 | 3.11 | 79 | 2-3/8 | 4.13 | 105 |
| 11943-32-24 | 2 | 1-1/2 | 5.48 | 139 | 3.10 | 79 | 2-13/16 | 4.11 | 104 |
| 11943-32-32 | 2 | 2 | 6.75 | 171 | 4.48 | 114 | 2-13/16 | 4.97 | 126 |




A
B
C
D
E

See Accessories Section for O-Rings and Flange Kits.

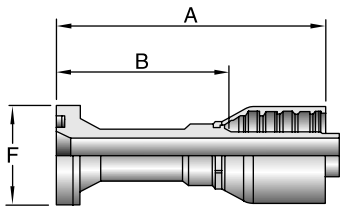


**Hose Products Division**
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## 16A43

### SAE Code 62 Flange Head

ISO 12151-3 - S - S

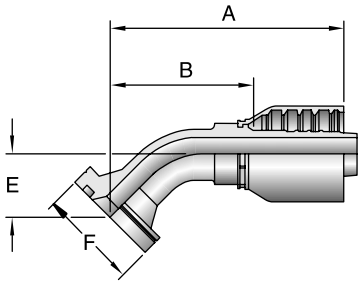



| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | B inch | B mm | F inch |
|---|---|---|---|---|---|---|---|
| 16A43-12-12 | 3/4 | 3/4 | 4.12 | 104,6 | 2.68 | 68,0 | 1-5/8 |
| 16A43-16-12 | 1 | 3/4 | 3.10 | 78,7 | 1.66 | 42,2 | 1-7/8 |
| 16A43-16-16 | 1 | 1 | 4.81 | 122,2 | 3.19 | 81,0 | 1-7/8 |
| 16A43-20-16 | 1-1/4 | 1 | 3.61 | 91,7 | 1.99 | 50,5 | 2-1/8 |
| 16A43-20-20 | 1-1/4 | 1-1/4 | 5.01 | 127,3 | 3.32 | 84,3 | 2-1/8 |

## 16F43

### SAE Code 62 Flange Head

ISO 12151-3 - E45S - S (1 Piece 12151-3-E45M-S)

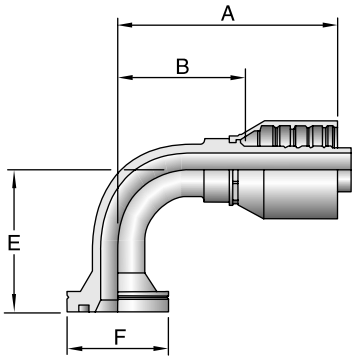



| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | B inch | B mm | F inch | E inch | E mm |
|---|---|---|---|---|---|---|---|---|---|
| 16F43-12-12 | 3/4 | 3/4 | 3.82 | 97,0 | 2.38 | 60,5 | 1-5/8 | 1.02 | 25,9 |
| 16F43-16-16 | 1 | 1 | 4.66 | 118,4 | 3.04 | 77,2 | 1-7/8 | 1.26 | 32,0 |
| 16F43-20-16 | 1-1/4 | 1 | 4.57 | 116,1 | 2.95 | 74,9 | 2-1/8 | 1.06 | 26,9 |

## 16N43

### SAE Code 62 Flange Head

ISO 12151-3 - E90S - S (1 Piece 12151-3-E90M-S)




| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | B inch | B mm | F inch | E inch | E mm |
|---|---|---|---|---|---|---|---|---|---|
| 16N43-12-12 | 3/4 | 3/4 | 3.51 | 89,2 | 2.07 | 52,6 | 1-5/8 | 2.28 | 57,9 |
| 16N43-16-12 | 1 | 3/4 | 3.49 | 88,6 | 2.05 | 52,1 | 1-7/8 | 2.28 | 57,9 |
| 16N43-16-16 | 1 | 1 | 4.28 | 108,7 | 2.66 | 67,6 | 1-7/8 | 2.76 | 70,1 |
| 16N43-20-16 | 1-1/4 | 1 | 4.28 | 108,7 | 2.66 | 67,6 | 2-1/8 | 2.76 | 70,1 |
| 16N43-20-20 | 1-1/4 | 1-1/4 | 5.09 | 129,3 | 3.40 | 86,4 | 2-1/8 | 3.54 | 90,0 |



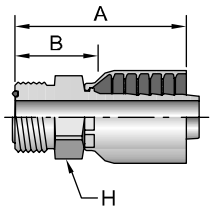
Hose Products Division
Parker Hannifin Corporation
Wickliffe, Ohio
www.parkerhose.com

# 1J043

## Male Seal-Lok® - Rigid - (with O-Ring)

ISO 12151-1 - S

| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | H inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|
| 1J043-4-4 | 1/4 | 9/16x18 | 1/4 | 1.73 | 44 | 5/8 | 0.98 | 25 |
| 1J043-6-6 | 3/8 | 11/16x16 | 3/8 | 2.08 | 53 | 3/4 | 1.05 | 27 |
| 1J043-8-6 | 1/2 | 13/16x16 | 3/8 | 2.20 | 56 | 7/8 | 1.17 | 30 |
| 1J043-8-8 | 1/2 | 13/16x16 | 1/2 | 2.42 | 61 | 7/8 | 1.17 | 30 |
| 1J043-10-8 | 5/8 | 1x14 | 1/2 | 2.61 | 66 | 1-1/16 | 1.35 | 34 |
| 1J043-10-10 | 5/8 | 1x14 | 5/8 | 2.73 | 69 | 1-1/16 | 1.34 | 34 |
| 1J043-12-10 | 3/4 | 1-3/16x12 | 5/8 | 2.89 | 73 | 1-1/4 | 1.45 | 37 |
| 1J043-12-12 | 3/4 | 1-3/16x12 | 3/4 | 2.90 | 74 | 1-1/4 | 1.46 | 37 |
| 1J043-16-12 | 1 | 1-7/16x12 | 3/4 | 2.93 | 74 | 1-1/2 | 1.49 | 38 |
| 1J043-16-16 | 1 | 1-7/16x12 | 1 | 3.29 | 84 | 1-1/2 | 1.67 | 42 |
| 1J043-20-20 | 1-1/4 | 1-11/16x12 | 1-1/4 | 3.32 | 84 | 1-3/4 | 1.63 | 41 |

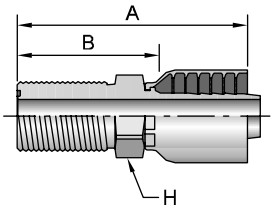



# 1JB43

## Male Seal-Lok® - Bulkhead without Locknut - (with O-Ring)

End Connection per ISO 8434-3-BH

| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | H inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|
| 1JB43-4-4 | 1/4 | 9/16x18 | 1/4 | 2.58 | 66 | 5/8 | 1.83 | 46 |
| 1JB43-6-6 | 3/8 | 11/16x16 | 3/8 | 2.98 | 76 | 3/4 | 1.95 | 50 |
| 1JB43-8-6 | 1/2 | 13/16x16 | 3/8 | 3.41 | 87 | 7/8 | 2.38 | 60 |
| 1JB43-8-8 | 1/2 | 13/16x16 | 1/2 | 3.36 | 85 | 7/8 | 2.10 | 53 |
| 1JB43-10-8 | 5/8 | 1x14 | 1/2 | 3.58 | 91 | 1-1/16 | 2.32 | 59 |
| 1JB43-10-10 | 5/8 | 1x14 | 5/8 | 3.77 | 96 | 1-1/16 | 2.33 | 59 |
| 1JB43-12-12 | 3/4 | 1-3/16x12 | 3/4 | 3.87 | 98 | 1-1/4 | 2.43 | 62 |




Fittings are stocked less locknut (part no. WLNL). Locknuts are manufactured by the Parker Tube Fittings Division and must be ordered separately.

See Accessories Section for O-Rings and Flange Kits.

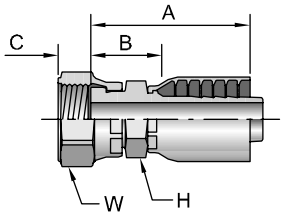


Hose Products Division
Parker Hannifin Corporation
Wickliffe, Ohio
www.parkerhose.com

# 1JC43

## Female Seal-Lok® - Swivel - Short

ISO 12151-1 - SWSA




| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | C inch | C mm | H inch | W inch | B inch | B mm | Additional Material Stainless Steel (C) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1JC43-4-4 | 1/4 | 9/16x18 | 1/4 | 1.63 | 41 | 0.32 | 8 | 9/16 | 11/16 | 0.88 | 22 | • |
| 1JC43-4-4-SM | 1/4 | 9/16x18 | 1/4 | 1.63 | 41 | 0.32 | 8 | 17 mm | 17 mm | 0.88 | 22 | |
| 1JC43-4-6 | 1/4 | 9/16x18 | 3/8 | 1.90 | 48 | 0.32 | 8 | 11/16 | 11/16 | 0.87 | 22 | |
| 1JC43-6-4 | 3/8 | 11/16x16 | 1/4 | 1.67 | 42 | 0.32 | 8 | 11/16 | 13/16 | 0.92 | 23 | |
| 1JC43-6-4-SM | 3/8 | 11/16x16 | 1/4 | 1.67 | 42 | 0.32 | 8 | 17 mm | 22 mm | 0.92 | 23 | |
| 1JC43-6-5 | 3/8 | 11/16x16 | 5/16 | 1.65 | 42 | 0.32 | 8 | 11/16 | 13/16 | 0.90 | 23 | |
| 1JC43-6-6 | 3/8 | 11/16x16 | 3/8 | 1.94 | 49 | 0.32 | 8 | 11/16 | 13/16 | 0.91 | 23 | • |
| 1JC43-6-6-SM | 3/8 | 11/16x16 | 3/8 | 1.94 | 49 | 0.32 | 8 | 19 mm | 22 mm | 0.91 | 23 | |
| 1JC43-8-6 | 1/2 | 13/16x16 | 3/8 | 2.00 | 51 | 0.43 | 11 | 13/16 | 15/16 | 0.97 | 25 | |
| 1JC43-8-6-SM | 1/2 | 13/16x16 | 3/8 | 2.00 | 51 | 0.43 | 11 | 19 mm | 24 mm | 0.97 | 25 | |
| 1JC43-8-8 | 1/2 | 13/16x16 | 1/2 | 2.22 | 56 | 0.43 | 11 | 13/16 | 15/16 | 0.96 | 24 | • |
| 1JC43-8-8-SM | 1/2 | 13/16x16 | 1/2 | 2.22 | 56 | 0.43 | 11 | 22 mm | 24 mm | 0.96 | 24 | |
| 1JC43-10-8 | 5/8 | 1x14 | 1/2 | 2.30 | 58 | 0.53 | 13 | 15/16 | 1-1/8 | 1.04 | 26 | |
| 1JC43-10-8-SM | 5/8 | 1x14 | 1/2 | 2.30 | 58 | 0.53 | 13 | 24 mm | 30 mm | 1.04 | 26 | |
| 1JC43-10-10 | 5/8 | 1x14 | 5/8 | 2.49 | 63 | 0.53 | 13 | 15/16 | 1-1/8 | 1.05 | 27 | • |
| 1JC43-10-10-SM | 5/8 | 1x14 | 5/8 | 2.49 | 63 | 0.53 | 13 | 24 mm | 30 mm | 1.05 | 27 | |
| 1JC43-12-8 | 3/4 | 1-3/16x12 | 1/2 | 2.48 | 63 | 0.57 | 14 | 1-1/8 | 1-3/8 | 1.22 | 31 | |
| 1JC43-12-10 | 3/4 | 1-3/16x12 | 5/8 | 2.67 | 68 | 0.57 | 14 | 1-1/8 | 1-3/8 | 1.23 | 31 | |
| 1JC43-12-10-SM | 3/4 | 1-3/16x12 | 5/8 | 2.67 | 68 | 0.57 | 14 | 32 mm | 36 mm | 1.23 | 31 | |
| 1JC43-12-12 | 3/4 | 1-3/16x12 | 3/4 | 2.68 | 68 | 0.57 | 14 | 1-1/8 | 1-3/8 | 1.24 | 31 | • |
| 1JC43-12-12-SM | 3/4 | 1-3/16x12 | 3/4 | 2.68 | 68 | 0.57 | 14 | 32 mm | 36 mm | 1.24 | 31 | |
| 1JC43-12-16 | 3/4 | 1-3/16x12 | 1 | 2.99 | 76 | 0.57 | 14 | 1-5/16 | 1-3/8 | 1.37 | 35 | |
| 1JC43-16-12 | 1 | 1-7/16x12 | 3/4 | 2.83 | 72 | 0.58 | 15 | 1-3/8 | 1-5/8 | 1.39 | 35 | |
| 1JC43-16-16 | 1 | 1-7/16x12 | 1 | 3.14 | 80 | 0.58 | 15 | 1-3/8 | 1-5/8 | 1.52 | 39 | • |
| 1JC43-20-20 | 1-1/4 | 1-11/16x12 | 1-1/4 | 3.27 | 83 | 0.59 | 15 | 1-7/8 | 1-7/8 | 1.58 | 40 | • |

When measuring overall length to the end of the nut, B+C dimensions must be used to calculate cut-off allowance.
Stainless steel fittings must be assembled with Karrykrimp 2, PHastkrimp, Superkrimp or Parkrimp 2.
See CrimpSource for more information.

See Accessories Section for O-Rings.



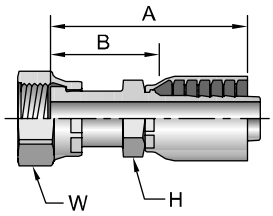
Hose Products Division
Parker Hannifin Corporation
Wickliffe, Ohio
www.parkerhose.com

# 1JS43

## Female Seal-Lok® - Swivel - Long

ISO 12151-1 SWSB

| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | H inch | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 1JS43-4-4 | 1/4 | 9/16x18 | 1/4 | 2.07 | 53 | 9/16 | 11/16 | 1.32 | 34 |
| 1JS43-4-6 | 1/4 | 9/16x18 | 3/8 | 2.21 | 56 | 11/16 | 11/16 | 1.18 | 30 |
| 1JS43-6-4 | 3/8 | 11/16x16 | 1/4 | 2.14 | 54 | 9/16 | 13/16 | 1.39 | 35 |
| 1JS43-6-6 | 3/8 | 11/16x16 | 3/8 | 2.28 | 58 | 11/16 | 13/16 | 1.25 | 32 |
| 1JS43-6-8 | 3/8 | 11/16x16 | 1/2 | 2.50 | 64 | 13/16 | 13/16 | 1.24 | 31 |
| 1JS43-8-4 | 1/2 | 13/16x16 | 1/4 | 2.26 | 57 | 11/16 | 15/16 | 1.51 | 38 |
| 1JS43-8-6 | 1/2 | 13/16x16 | 3/8 | 2.53 | 64 | 11/16 | 15/16 | 1.50 | 38 |
| 1JS43-8-8 | 1/2 | 13/16x16 | 1/2 | 2.65 | 67 | 13/16 | 15/16 | 1.39 | 35 |
| 1JS43-8-10 | 1/2 | 13/16x16 | 5/8 | 2.82 | 72 | 15/16 | 15/16 | 1.38 | 35 |
| 1JS43-10-6 | 5/8 | 1x14 | 3/8 | 2.63 | 67 | 11/16 | 1-1/8 | 1.62 | 41 |
| 1JS43-10-8 | 5/8 | 1x14 | 1/2 | 2.89 | 73 | 13/16 | 1-1/8 | 1.63 | 41 |
| 1JS43-10-10 | 5/8 | 1x14 | 5/8 | 3.07 | 78 | 15/16 | 1-1/8 | 1.66 | 42 |
| 1JS43-10-12 | 5/8 | 1x14 | 3/4 | 3.08 | 78 | 1-1/16 | 1-1/8 | 1.64 | 42 |
| 1JS43-12-8 | 3/4 | 1-3/16x12 | 1/2 | 2.90 | 74 | 15/16 | 1-3/8 | 1.64 | 42 |
| 1JS43-12-10 | 3/4 | 1-3/16x12 | 5/8 | 3.19 | 81 | 1-1/8 | 1-3/8 | 1.75 | 44 |
| 1JS43-12-12 | 3/4 | 1-3/16x12 | 3/4 | 3.31 | 84 | 1-1/8 | 1-3/8 | 1.87 | 47 |
| 1JS43-12-16 | 3/4 | 1-3/16x12 | 1 | 3.53 | 90 | 1-5/16 | 1-3/8 | 1.91 | 49 |
| 1JS43-16-12 | 1 | 1-7/16x12 | 3/4 | 3.37 | 86 | 1-3/8 | 1-5/8 | 1.93 | 49 |
| 1JS43-16-16 | 1 | 1-7/16x12 | 1 | 3.62 | 92 | 1-3/8 | 1-5/8 | 2.00 | 51 |
| 1JS43-16-20 | 1 | 1-7/16x12 | 1-1/4 | 3.77 | 96 | 1-3/4 | 1-5/8 | 2.08 | 53 |
| 1JS43-20-16 | 1-1/4 | 1-11/16x12 | 1 | 3.64 | 92 | 1-3/8 | 1-7/8 | 2.02 | 51 |
| 1JS43-20-20 | 1-1/4 | 1-11/16x12 | 1-1/4 | 3.77 | 96 | 1-3/4 | 1-7/8 | 2.15 | 53 |
| 1JS43-24-20 | 1-1/2 | 2x12 | 1-1/4 | 3.88 | 99 | 1-3/4 | 2-1/4 | 2.23 | 57 |
| 1JS43-24-24 | 1-1/2 | 2x12 | 1-1/2 | 3.91 | 99 | 1-7/8 | 2-1/4 | 2.54 | 65 |

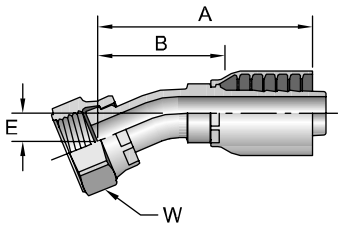



# 1J643

## Female Seal-Lok® - Swivel - 22-1/2° Elbow

End Connection per ISO 8434-3-SWE

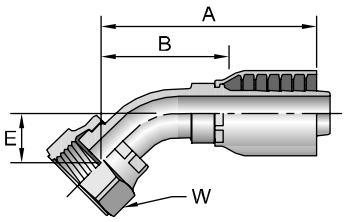
| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 1J643-8-8 | 1/2 | 13/16x16 | 1/2 | 3.06 | 78 | 0.39 | 10 | 15/16 | 1.80 | 46 |




See Accessories Section for O-Rings.



Hose Products Division
Parker Hannifin Corporation
Wickliffe, Ohio
www.parkerhose.com




# 1J743

## Female Seal-Lok® - Swivel - 45° Elbow

ISO 12151-1 - SWE45

| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 1J743-4-4 | 1/4 | 9/16x18 | 1/4 | 1.97 | 50 | 0.39 | 10 | 11/16 | 1.22 | 31 |
| 1J743-4-4-SM | 1/4 | 9/16x18 | 1/4 | 1.97 | 50 | 0.39 | 10 | 17 mm | 1.22 | 31 |
| 1J743-4-6 | 1/4 | 9/16x18 | 3/8 | 2.23 | 57 | 0.39 | 10 | 11/16 | 1.20 | 30 |
| 1J743-6-4 | 3/8 | 11/16x16 | 1/4 | 2.08 | 53 | 0.43 | 11 | 13/16 | 1.33 | 34 |
| 1J743-6-4-SM | 3/8 | 11/16x16 | 1/4 | 2.08 | 53 | 0.43 | 11 | 22 mm | 1.33 | 34 |
| 1J743-6-5 | 3/8 | 11/16x16 | 5/16 | 2.37 | 60 | 0.43 | 11 | 13/16 | 1.62 | 41 |
| 1J743-6-6 | 3/8 | 11/16x16 | 3/8 | 2.34 | 59 | 0.43 | 11 | 13/16 | 1.31 | 33 |
| 1J743-6-8 | 3/8 | 11/16x16 | 1/2 | 2.66 | 68 | 0.43 | 11 | 13/16 | 1.41 | 36 |
| 1J743-8-4 | 1/2 | 13/16x16 | 1/4 | 2.56 | 65 | 0.59 | 15 | 15/16 | 1.81 | 46 |
| 1J743-8-6 | 1/2 | 13/16x16 | 3/8 | 2.53 | 64 | 0.59 | 15 | 15/16 | 1.50 | 38 |
| 1J743-8-6-SM | 1/2 | 13/16x16 | 3/8 | 2.53 | 64 | 0.59 | 15 | 24 mm | 1.50 | 38 |
| 1J743-8-8 | 1/2 | 13/16x16 | 1/2 | 2.83 | 72 | 0.59 | 15 | 15/16 | 1.57 | 40 |
| 1J743-8-8-SM | 1/2 | 13/16x16 | 1/2 | 2.83 | 72 | 0.59 | 15 | 24 mm | 1.57 | 40 |
| 1J743-8-10 | 1/2 | 13/16x16 | 5/8 | 3.09 | 78 | 0.59 | 15 | 15/16 | 1.65 | 42 |
| 1J743-10-8 | 5/8 | 1x14 | 1/2 | 2.93 | 74 | 0.63 | 16 | 1-1/8 | 1.67 | 42 |
| 1J743-10-10 | 5/8 | 1x14 | 5/8 | 3.17 | 81 | 0.63 | 16 | 1-1/8 | 1.73 | 44 |
| 1J743-10-10-SM | 5/8 | 1x14 | 5/8 | 3.17 | 81 | 0.63 | 16 | 30 mm | 1.73 | 44 |
| 1J743-10-12 | 5/8 | 1x14 | 3/4 | 3.36 | 85 | 0.65 | 16 | 1-1/8 | 1.93 | 49 |
| 1J743-12-8 | 3/4 | 1-3/16x12 | 1/2 | 3.57 | 91 | 0.82 | 21 | 1-3/8 | 2.31 | 59 |
| 1J743-12-10 | 3/4 | 1-3/16x12 | 5/8 | 3.62 | 92 | 0.83 | 21 | 1-3/8 | 2.18 | 55 |
| 1J743-12-12 | 3/4 | 1-3/16x12 | 3/4 | 3.63 | 92 | 0.83 | 21 | 1-3/8 | 2.19 | 56 |
| 1J743-12-12-SM | 3/4 | 1-3/16x12 | 3/4 | 3.63 | 92 | 0.83 | 21 | 36 mm | 2.19 | 56 |
| 1J743-12-16 | 3/4 | 1-3/16x12 | 1 | 3.67 | 93 | 0.81 | 21 | 1-3/8 | 2.05 | 52 |
| 1J743-16-12 | 1 | 1-7/16x12 | 3/4 | 4.02 | 102 | 0.94 | 24 | 1-5/8 | 2.59 | 66 |
| 1J743-16-16 | 1 | 1-7/16x12 | 1 | 4.38 | 111 | 0.94 | 24 | 1-5/8 | 2.76 | 70 |
| 1J743-16-20 | 1 | 1-7/16x12 | 1-1/4 | 4.59 | 117 | 0.94 | 24 | 1-5/8 | 2.94 | 75 |
| 1J743-20-16 | 1-1/4 | 1-11/16x12 | 1 | 4.52 | 115 | 1.00 | 25 | 1-7/8 | 2.93 | 74 |
| 1J743-20-20 | 1-1/4 | 1-11/16x12 | 1-1/4 | 4.78 | 121 | 1.00 | 25 | 1-7/8 | 3.09 | 78 |
| 1J743-24-20 | 1-1/2 | 2x12 | 1-1/4 | 4.99 | 127 | 1.11 | 28 | 2-1/4 | 3.30 | 84 |
| 1J743-24-24 | 1-1/2 | 2x12 | 1-1/2 | 4.70 | 119 | 1.07 | 27 | 2-1/4 | 3.33 | 85 |

See Accessories Section for O-Rings.



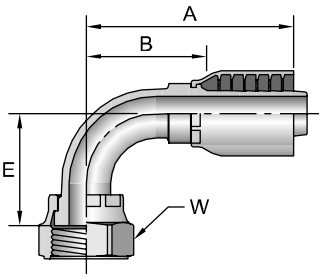
**Hose Products Division**
Parker Hannifin Corporation
Wickliffe, Ohio
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# 1J943

## Female Seal-Lok® - Swivel - 90° Elbow - Short Drop

ISO 12151-1 - SWES90

| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 1J943-4-4 | 1/4 | 9/16x18 | 1/4 | 1.78 | 45 | 0.83 | 21 | 11/16 | 1.03 | 26 |
| 1J943-4-6 | 1/4 | 9/16x18 | 3/8 | 2.05 | 52 | 0.83 | 21 | 11/16 | 1.02 | 26 |
| 1J943-6-4 | 3/8 | 11/16x16 | 1/4 | 1.93 | 49 | 0.91 | 23 | 13/16 | 1.18 | 30 |
| 1J943-6-5 | 3/8 | 11/16x16 | 5/16 | 2.25 | 57 | 0.90 | 23 | 13/16 | 1.50 | 38 |
| 1J943-6-6 | 3/8 | 11/16x16 | 3/8 | 2.21 | 56 | 0.91 | 23 | 13/16 | 1.18 | 30 |
| 1J943-6-8 | 3/8 | 11/16x16 | 1/2 | 2.53 | 64 | 0.90 | 23 | 13/16 | 1.27 | 32 |
| 1J943-8-4 | 1/2 | 13/16x16 | 1/4 | 2.28 | 58 | 1.15 | 29 | 15/16 | 1.53 | 39 |
| 1J943-8-6 | 1/2 | 13/16x16 | 3/8 | 2.28 | 58 | 1.14 | 29 | 15/16 | 1.25 | 32 |
| 1J943-8-8 | 1/2 | 13/16x16 | 1/2 | 2.59 | 66 | 1.14 | 29 | 15/16 | 1.33 | 34 |
| 1J943-8-8-SM | 1/2 | 13/16x16 | 1/2 | 2.59 | 66 | 1.14 | 29 | 24 mm | 1.33 | 34 |
| 1J943-8-10 | 1/2 | 13/16x16 | 5/8 | 2.81 | 71 | 1.15 | 29 | 15/16 | 1.37 | 35 |
| 1J943-10-8 | 5/8 | 1x14 | 1/2 | 2.74 | 70 | 1.26 | 32 | 1-1/8 | 1.48 | 38 |
| 1J943-10-10 | 5/8 | 1x14 | 5/8 | 2.97 | 75 | 1.26 | 32 | 1-1/8 | 1.53 | 39 |
| 1J943-10-10-SM | 5/8 | 1x14 | 5/8 | 2.97 | 75 | 1.26 | 32 | 30 mm | 1.53 | 39 |
| 1J943-10-12 | 5/8 | 1x14 | 3/4 | 3.08 | 78 | 1.27 | 32 | 1-1/8 | 1.64 | 42 |
| 1J943-12-8 | 3/4 | 1-3/16x12 | 1/2 | 3.21 | 82 | 1.89 | 48 | 1-3/8 | 1.95 | 50 |
| 1J943-12-10 | 3/4 | 1-3/16x12 | 5/8 | 3.49 | 89 | 1.89 | 48 | 1-3/8 | 2.05 | 52 |
| 1J943-12-12 | 3/4 | 1-3/16x12 | 3/4 | 3.06 | 78 | 1.89 | 48 | 1-3/8 | 2.05 | 52 |
| 1J943-12-16 | 3/4 | 1-3/16x12 | 1 | 3.88 | 99 | 1.89 | 48 | 1-3/8 | 2.26 | 57 |
| 1J943-16-12 | 1 | 1-7/16x12 | 3/4 | 4.06 | 103 | 2.22 | 56 | 1-5/8 | 2.62 | 67 |
| 1J943-16-16 | 1 | 1-7/16x12 | 1 | 4.31 | 109 | 2.20 | 56 | 1-5/8 | 2.69 | 68 |
| 1J943-16-20 | 1 | 1-7/16x12 | 1-1/4 | 4.56 | 116 | 2.21 | 56 | 1-5/8 | 2.87 | 73 |
| 1J943-20-16 | 1-1/4 | 1-11/16x12 | 1 | 4.64 | 118 | 2.54 | 65 | 1-7/8 | 3.02 | 80 |
| 1J943-20-20 | 1-1/4 | 1-11/16x12 | 1-1/4 | 4.88 | 124 | 2.51 | 64 | 1-7/8 | 3.19 | 81 |
| 1J943-24-20 | 1-1/2 | 2x12 | 1-1/4 | 4.97 | 126 | 2.70 | 69 | 2-1/4 | 3.32 | 84 |
| 1J943-24-24 | 1-1/2 | 2x12 | 1-1/2 | 5.50 | 140 | 2.68 | 68 | 2-1/4 | 4.13 | 105 |

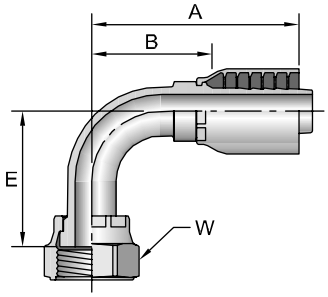



# 1J543

## Female Seal-Lok® - Swivel - 90° Elbow - Medium Drop

ISO 12151-1 - SWEM90

| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 1J543-4-4 | 1/4 | 9/16x18 | 1/4 | 2.07 | 53 | 1.26 | 32 | 11/16 | 1.32 | 34 |
| 1J543-6-4 | 3/8 | 11/16x16 | 1/4 | 2.12 | 54 | 1.50 | 38 | 13/16 | 1.37 | 35 |
| 1J543-6-6 | 3/8 | 11/16x16 | 3/8 | 2.40 | 61 | 1.50 | 38 | 13/16 | 1.37 | 35 |
| 1J543-6-6-SM | 3/8 | 11/16x16 | 3/8 | 2.40 | 61 | 1.50 | 38 | 22 mm | 1.37 | 35 |
| 1J543-8-6 | 1/2 | 13/16x16 | 3/8 | 2.48 | 63 | 1.61 | 41 | 15/16 | 1.45 | 37 |
| 1J543-8-8 | 1/2 | 13/16x16 | 1/2 | 2.59 | 66 | 1.61 | 41 | 15/16 | 1.33 | 34 |
| 1J543-10-8 | 5/8 | 1x14 | 1/2 | 2.74 | 70 | 1.85 | 47 | 1-1/8 | 1.48 | 38 |
| 1J543-10-10 | 5/8 | 1x14 | 5/8 | 2.97 | 75 | 1.85 | 47 | 1-1/8 | 1.53 | 39 |
| 1J543-10-12 | 5/8 | 1x14 | 3/4 | 3.12 | 79 | 1.88 | 48 | 1-1/8 | 1.68 | 43 |
| 1J543-12-12 | 3/4 | 1-3/16x12 | 3/4 | 3.49 | 89 | 2.28 | 58 | 1-3/8 | 2.05 | 52 |
| 1J543-16-16 | 1 | 1-7/16x12 | 1 | 4.86 | 123 | 2.78 | 71 | 1-5/8 | 3.27 | 83 |
| 1J543-20-20 | 1-1/4 | 1-11/16x12 | 1-1/4 | 4.89 | 124 | 3.09 | 78 | 1-7/8 | 3.20 | 81 |




See Accessories Section for O-Rings.

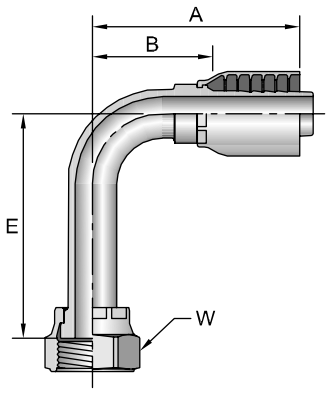


Hose Products Division
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# 1J143

## Female Seal-Lok® - Swivel - 90° Elbow - Long Drop

ISO 12151-1 - SWEL90




| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 1J143-4-4 | 1/4 | 9/16x18 | 1/4 | 2.02 | 51 | 1.81 | 46 | 11/16 | 1.27 | 32 |
| 1J143-6-4 | 3/8 | 11/16x16 | 1/4 | 2.26 | 57 | 2.29 | 58 | 13/16 | 1.51 | 38 |
| 1J143-6-6 | 3/8 | 11/16x16 | 3/8 | 2.39 | 61 | 2.13 | 54 | 13/16 | 1.36 | 35 |
| 1J143-8-6 | 1/2 | 13/16x16 | 3/8 | 2.45 | 62 | 2.52 | 64 | 15/16 | 1.42 | 36 |
| 1J143-8-8 | 1/2 | 13/16x16 | 1/2 | 2.59 | 66 | 2.52 | 64 | 15/16 | 1.33 | 34 |
| 1J143-8-8-SM | 1/2 | 13/16x16 | 1/2 | 2.59 | 66 | 2.52 | 64 | 24 mm | 1.33 | 34 |
| 1J143-10-8 | 5/8 | 1x14 | 1/2 | 2.74 | 70 | 2.79 | 71 | 1-1/8 | 1.48 | 38 |
| 1J143-10-10 | 5/8 | 1x14 | 5/8 | 2.97 | 75 | 2.76 | 70 | 1-1/8 | 1.53 | 39 |
| 1J143-10-12 | 5/8 | 1x14 | 3/4 | 3.15 | 80 | 2.76 | 70 | 1-1/8 | 1.73 | 44 |
| 1J143-12-12 | 3/4 | 1-3/16x12 | 3/4 | 3.49 | 89 | 3.78 | 96 | 1-3/8 | 2.05 | 52 |
| 1J143-16-16 | 1 | 1-7/16x12 | 1 | 4.28 | 109 | 4.49 | 114 | 1-5/8 | 2.66 | 68 |
| 1J143-20-20 | 1-1/4 | 1-11/16x12 | 1-1/4 | 4.84 | 123 | 5.09 | 129 | 1-7/8 | 3.15 | 80 |
| 1J143-24-20 | 1-1/2 | 2x12 | 1-1/4 | 4.77 | 121 | 5.54 | 141 | 2-1/4 | 3.12 | 79 |



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Wickliffe, Ohio
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# Universal Push-to-Connect (UPTC) Introduction

Traditionally, the fluid power industry has used threaded connectors to make a leak free connection. The speed of making connections is slow and the reliability of the connection is dependent on proper assembly procedures. Parker's UPTC connectors rely on a mechanical retaining mechanism (other than threads) to create a seal.

Tools are not required for assembly, and the reliability and speed of making connections with the UPTC design is greatly improved compared to traditional threaded connections.

## Features

- Available in sizes 1/4", 3/8", 1/2", 5/8", and 3/4"
- Uses standard Seal-Lok adapters for a wide variety of configurations, as well as excellent field serviceability
- Meets or exceeds SAE 100R2 pressure ratings (see Fig. 2)
- Includes visual and tactile installation indicators
- Seal-aligning nipple eliminates hose twist during assembly
- No special tooling required for disassembly
- Uses elastomeric seals, including Parker's patented Trap-Seal

# Design and Construction

UPTC Seal-Lok consists of a base Seal-Lok ORFS fitting, a UPTC nut (including internal sealing and retaining elements), a dust O-Ring, and a UPTC hose assembly or rigid tube, as shown in figure 1. The base ORFS fitting is a highly reliable and widely available off-the-shelf standard SAE J1453 adapter. The sealing O-Ring is supported by a pressure energized anti-extrusion ring that prevents O-Ring extrusion and ensures tight sealing even under high pressure.

Once fully engaged, the retaining element is positively trapped between the male and UPTC nut. The dust O-Ring keeps contamination out and serves as a full engagement visual indicator. A clear tactile feeling at the end of the push indicates a proper connection. Once a proper connection is made, the dust O-Ring is covered by the UPTC nut. This also serves as a positive visual indicator of full engagement for easy inspection and quality control.

Once connected, the UPTC nut is permanently attached to the UPTC hose end similar to a traditional swivel nut. To disconnect, just use a wrench to unscrew the UPTC nut from the base adapter. Re-connect is possible by tightening the UPTC nut back to the base adapter, if the connection is not damaged. If the hose or tube is damaged, they can be replaced by installing a new UPTC assembly or a readily available standard Seal-Lok ORFS hose or tube assembly.



Fig. 1a Fig. 1b

Fig. 1a — This is a Tube Fittings Division part. Information can be found in Catalog 4300.

## UPTC Pressure Ratings

| Size | Pressure (psi) | Pressure (Bar) |
|---|---|---|
| -4 | 5800 | 400 |
| -6 | 5000 | 345 |
| -8 | 4250 | 293 |
| -10 | 4000 | 276 |
| -12 | 3125 | 216 |





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Parker Hannifin Corporation
Wickliffe, Ohio
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A

B

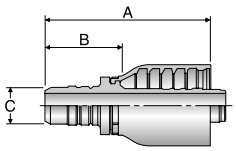
C

D

E

## 1EN43

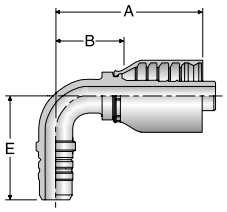
### UPTC Male




| Part Number | Hose End Size inch | A inch | B inch | C inch | C Nominal Connection Size mm |
|---|---|---|---|---|---|
| 1EN43-8-4 | 1/4 | 1.83 | 1.08 | 0.31 | 8 |
| 1EN43-12-6 | 3/8 | 2.15 | 1.12 | 0.47 | 12 |
| 1EN43-15-8 | 1/2 | 2.51 | 1.25 | 0.59 | 15 |
| 1EN43-18-10 | 5/8 | 2.78 | 1.34 | 0.71 | 18 |
| 1EN43-22-12 | 3/4 | 2.81 | 1.37 | 0.87 | 22 |

## 1ET43

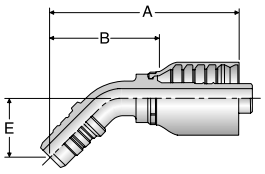
### UPTC Male 90° Elbow




| Part Number | Hose End Size inch | A inch | B inch | C inch | C Nominal Connection Size mm | E inch |
|---|---|---|---|---|---|---|
| 1ET43-8-4 | 1/4 | 1.78 | 1.03 | 0.31 | 8 | 1.54 |
| 1ET43-12-6 | 3/8 | 2.21 | 1.18 | 0.47 | 12 | 1.54 |
| 1ET43-15-8 | 1/2 | 2.51 | 1.25 | 0.59 | 15 | 1.77 |
| 1ET43-18-10 | 5/8 | 2.97 | 1.53 | 0.71 | 18 | 2.24 |
| 1ET43-22-12 | 3/4 | 3.43 | 1.99 | 0.87 | 22 | 2.50 |

## 1EU43

### UPTC Male 45° Elbow




| Part Number | Hose End Size inch | A inch | B inch | C inch | C Nominal Connection Size mm | E inch |
|---|---|---|---|---|---|---|
| 1EU43-8-4 | 1/4 | 2.48 | 1.73 | 0.31 | 8 | 0.91 |
| 1EU43-12-6 | 3/8 | 2.83 | 1.80 | 0.47 | 12 | 0.91 |
| 1EU43-15-8 | 1/2 | 3.17 | 1.91 | 0.59 | 15 | 0.99 |
| 1EU43-18-10 | 5/8 | 3.68 | 2.24 | 0.71 | 18 | 1.26 |
| 1EU43-22-12 | 3/4 | 3.76 | 2.32 | 0.87 | 22 | 1.30 |



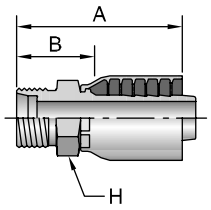
**Hose Products Division**
Parker Hannifin Corporation
Wickliffe, Ohio
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# 1D043

## Male Metric L - Rigid - (24° Cone)

ISO 12151-2

| # Part Number | Thread mm | | Hose I.D. inch | A inch | A mm | H mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|
| 1D043-6-4 | 6 | M12x1,5 | 1/4 | 1.73 | 44 | 14 | 0.93 | 24 |
| 1D043-8-4 | 8 | M14x1,5 | 1/4 | 1.61 | 41 | 14 | 0.93 | 24 |
| 1D043-10-5 | 10 | M16x1,5 | 5/16 | 1.97 | 50 | 19 | 0.83 | 21 |
| 1D043-10-6 | 10 | M16x1,5 | 3/8 | 1.97 | 50 | 19 | 0.83 | 21 |
| 1D043-12-5 | 12 | M18x1,5 | 5/16 | 1.89 | 48 | 19 | 0.94 | 24 |
| 1D043-12-6 | 12 | M18x1,5 | 3/8 | 1.97 | 50 | 19 | 0.83 | 21 |
| 1D043-15-6 | 15 | M22x1,5 | 3/8 | 1.93 | 49 | 22 | 1.02 | 26 |
| 1D043-15-8 | 15 | M22x1,5 | 1/2 | 2.28 | 58 | 22 | 0.94 | 24 |
| 1D043-18-10 | 18 | M26x1,5 | 5/8 | 2.68 | 68 | 27 | 1.14 | 29 |
| 1D043-18-12 | 18 | M26x1,5 | 3/4 | 2.68 | 68 | 27 | 1.14 | 29 |
| 1D043-22-12 | 22 | M30x2 | 3/4 | 2.72 | 69 | 30 | 1.22 | 31 |
| 1D043-28-16 | 28 | M36x2 | 1 | 3.11 | 79 | 36 | 1.30 | 33 |
| 1D043-35-20 | 35 | M45x2 | 1-1/4 | 3.35 | 85 | 46 | 1.50 | 38 |



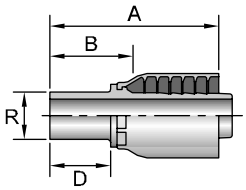

# 11D43

## Male Standpipe Metric L - Rigid

End Connection per ISO 8434-1-SDS

| # Part Number | R mm | Hose I.D. inch | A inch | A mm | D inch | D mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|
| 11D43-6-4 | 6 | 1/4 | 2.03 | 52 | 0.87 | 22 | 1.28 | 33 |
| 11D43-10-5 | 10 | 5/16 | 2.36 | 60 | 0.91 | 23 | 1.45 | 37 |
| 11D43-10-6 | 10 | 3/8 | 2.28 | 58 | 0.91 | 23 | 1.14 | 29 |
| 11D43-12-4 | 12 | 1/4 | 2.17 | 55 | 0.91 | 23 | 1.22 | 31 |
| 11D43-15-8 | 15 | 1/2 | 2.56 | 65 | 0.98 | 25 | 1.22 | 31 |
| 11D43-18-10 | 18 | 5/8 | 2.99 | 76 | 1.02 | 26 | 1.48 | 38 |
| 11D43-18-12 | 18 | 3/4 | 2.80 | 71 | 1.02 | 26 | 1.22 | 31 |
| 11D43-22-12 | 22 | 3/4 | 2.87 | 73 | 1.10 | 28 | 1.26 | 32 |
| 11D43-28-16 | 28 | 1 | 3.31 | 84 | 1.18 | 30 | 1.46 | 37 |

Metric L: Mates with EO "L" Series Fittings. See Accessories Section for O-Rings.








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A

B

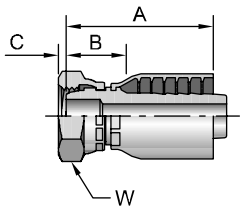
C

D

E

# 1C343

## Female Metric L - Swivel - (Ball Nose)

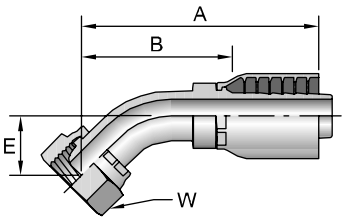



| # Part Number | Thread mm | | Hose I.D. inch | A inch | A mm | C inch | C mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 1C343-6-4 | 6 | M12x1,5 | 1/4 | 1.75 | 44 | 0.09 | 2 | 14 | 1.16 | 29 |
| 1C343-8-4 | 8 | M14x1,5 | 1/4 | 1.77 | 45 | 0.11 | 3 | 17 | 1.16 | 29 |
| 1C343-10-5 | 10 | M16x1,5 | 5/16 | 2.01 | 51 | 0.06 | 2 | 19 | 1.20 | 30 |
| 1C343-10-6 | 10 | M16x1,5 | 3/8 | 2.06 | 52 | 0.06 | 2 | 19 | 1.10 | 28 |
| 1C343-12-5 | 12 | M18x1,5 | 5/16 | 1.87 | 47 | 0.10 | 3 | 22 | 0.70 | 18 |
| 1C343-12-6 | 12 | M18x1,5 | 3/8 | 2.23 | 57 | 0.10 | 3 | 22 | 1.18 | 30 |
| 1C343-15-6 | 6 | M22x1,5 | 3/8 | 1.85 | 47 | 0.16 | 4 | 27 | 0.71 | 18 |
| 1C343-15-8 | 15 | M22x1,5 | 1/2 | 2.42 | 61 | 0.17 | 4 | 27 | 1.29 | 33 |
| 1C343-18-10 | 18 | M26x1,5 | 5/8 | 2.65 | 67 | 0.10 | 3 | 32 | 1.23 | 31 |
| 1C343-18-12 | 18 | M26x1,5 | 3/4 | 2.80 | 71 | 0.10 | 3 | 32 | 1.37 | 35 |
| 1C343-22-12 | 22 | M30x2 | 3/4 | 2.87 | 73 | 0.18 | 5 | 36 | 1.42 | 36 |
| 1C343-28-16 | 28 | M36x2 | 1 | 3.35 | 85 | 0.22 | 6 | 46 | 1.76 | 45 |

When measuring overall length to the end of the nut, B+C dimensions must be used to calculate cut-off allowance.

# 1C443

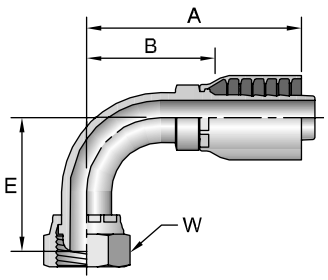
## Female Metric L - Swivel - 45° Elbow - (Ball Nose)




| # Part Number | Thread mm | | Hose I.D. inch | A inch | A mm | E inch | E mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 1C443-8-4 | 8 | M14x1,5 | 1/4 | 2.40 | 61 | 0.59 | 15 | 17 | 1.50 | 38 |
| 1C443-10-5 | 10 | M16x1,5 | 5/16 | 2.60 | 66 | 0.67 | 17 | 19 | 1.61 | 41 |
| 1C443-10-6 | 10 | M16x1,5 | 3/8 | 2.76 | 70 | 0.67 | 17 | 19 | 1.61 | 41 |
| 1C443-12-6 | 12 | M18x1,5 | 3/8 | 2.76 | 70 | 0.67 | 17 | 22 | 1.61 | 41 |
| 1C443-15-8 | 15 | M22x1,5 | 1/2 | 3.35 | 85 | 0.79 | 20 | 27 | 1.97 | 50 |
| 1C443-18-10 | 18 | M26x1,5 | 5/8 | 4.09 | 104 | 1.14 | 29 | 32 | 2.52 | 64 |
| 1C443-22-12 | 22 | M30x2 | 3/4 | 3.78 | 96 | 0.91 | 23 | 36 | 2.20 | 56 |
| 1C443-28-16 | 28 | M36x2 | 1 | 4.53 | 115 | 1.10 | 28 | 46 | 2.81 | 71 |

# 1C543

## Female Metric L - Swivel - 90° Elbow - (Ball Nose)




| # Part Number | Thread mm | | Hose I.D. inch | A inch | A mm | E inch | E mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 1C543-8-4 | 8 | M14x1,5 | 1/4 | 2.05 | 52 | 1.10 | 28 | 17 | 1.18 | 30 |
| 1C543-10-5 | 10 | M16x1,5 | 5/16 | 2.20 | 56 | 1.18 | 30 | 19 | 1.22 | 31 |
| 1C543-10-6 | 10 | M16x1,5 | 3/8 | 2.40 | 61 | 1.18 | 30 | 19 | 1.40 | 36 |
| 1C543-12-6 | 12 | M18x1,5 | 3/8 | 2.40 | 61 | 1.22 | 31 | 22 | 1.40 | 36 |
| 1C543-15-8 | 15 | M22x1,5 | 1/2 | 2.95 | 75 | 1.57 | 40 | 27 | 1.57 | 40 |
| 1C543-18-10 | 18 | M26x1,5 | 5/8 | 3.58 | 91 | 2.36 | 60 | 32 | 2.05 | 52 |
| 1C543-22-12 | 22 | M30x2 | 3/4 | 3.58 | 91 | 1.97 | 50 | 36 | 2.00 | 51 |
| 1C543-28-16 | 28 | M36x2 | 1 | 4.33 | 110 | 2.48 | 63 | 46 | 2.56 | 65 |

Metric L: Mates with EO "L" Series Fittings.



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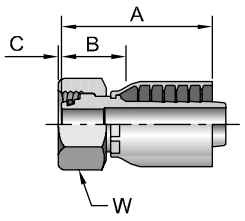
# 1CA43

## Female Metric L - Swivel - (24° Cone with O-Ring)

ISO 12151-2 - SWS

| # Part Number | Thread mm | | Hose I.D. inch | A inch | A mm | C inch | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 1CA43-6-4 | 6 | M12x1,5 | 1/4 | 1.73 | 44 | -0.02 | 14 | 0.88 | 22 |
| 1CA43-8-4 | 8 | M14x1,5 | 1/4 | 1.73 | 44 | -0.01 | 17 | 0.88 | 22 |
| 1CA43-8-5 | 8 | M14x1,5 | 5/16 | 1.97 | 50 | 0.00 | 17 | 1.02 | 26 |
| 1CA43-10-4 | 10 | M16x1,5 | 1/4 | 1.81 | 46 | 0.04 | 19 | 0.87 | 22 |
| 1CA43-10-5 | 10 | M16x1,5 | 5/16 | 1.81 | 46 | 0.04 | 19 | 0.87 | 22 |
| 1CA43-12-5 | 12 | M18x1,5 | 5/16 | 1.81 | 46 | 0.04 | 22 | 0.91 | 23 |
| 1CA43-12-6 | 12 | M18x1,5 | 3/8 | 1.89 | 48 | 0.03 | 22 | 0.75 | 19 |
| 1CA43-15-8 | 15 | M22x1,5 | 1/2 | 2.20 | 56 | 0.07 | 27 | 0.82 | 21 |
| 1CA43-18-10 | 18 | M26x1,5 | 5/8 | 2.44 | 62 | 0.02 | 32 | 0.87 | 22 |
| 1CA43-18-12 | 18 | M26x1,5 | 3/4 | 2.56 | 65 | 0.02 | 32 | 1.02 | 26 |
| 1CA43-22-12 | 22 | M30x2 | 3/4 | 2.48 | 63 | 0.13 | 36 | 0.94 | 24 |
| 1CA43-28-16 | 28 | M36x2 | 1 | 3.07 | 78 | 0.14 | 41 | 1.30 | 33 |
| 1CA43-35-20 | 35 | M45x2 | 1-1/4 | 3.23 | 82 | 0.00 | 50 | 1.38 | 35 |

When measuring overall length to the end of the nut, B+C dimensions must be used to calculate cut-off allowance.

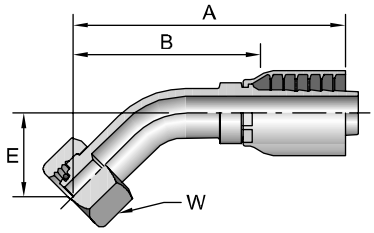



# 1CE43

## Female Metric L - Swivel - 45° Elbow - (24° Cone with O-Ring)

ISO 12151-2 - SWE45

| # Part Number | Thread mm | | Hose I.D. inch | A inch | A mm | E inch | E mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 1CE43-6-4 | 6 | M12x1,5 | 1/4 | 2.68 | 68 | 0.75 | 19 | 14 | 1.77 | 45 |
| 1CE43-8-4 | 8 | M14x1,5 | 1/4 | 2.32 | 59 | 0.63 | 16 | 17 | 1.38 | 35 |
| 1CE43-10-5 | 10 | M16x1,5 | 5/16 | 2.64 | 67 | 0.59 | 15 | 19 | 1.69 | 43 |
| 1CE43-10-6 | 10 | M16x1,5 | 3/8 | 2.95 | 75 | 0.75 | 19 | 19 | 1.85 | 47 |
| 1CE43-12-6 | 12 | M18x1,5 | 3/8 | 2.72 | 69 | 0.75 | 19 | 22 | 1.53 | 39 |
| 1CE43-15-8 | 15 | M22x1,5 | 1/2 | 3.19 | 81 | 0.87 | 22 | 27 | 1.81 | 46 |
| 1CE43-18-10 | 18 | M26x1,5 | 5/8 | 3.50 | 89 | 0.91 | 23 | 32 | 1.93 | 49 |
| 1CE43-22-12 | 22 | M30x2 | 3/4 | 3.86 | 98 | 1.02 | 26 | 36 | 2.28 | 58 |



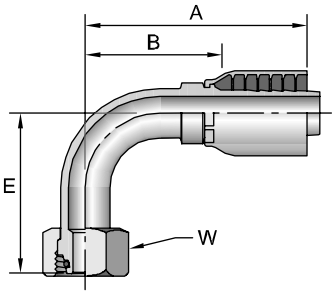

# 1CF43

## Female Metric L - Swivel - 90° Elbow - (24° Cone with O-Ring)

ISO 12151-2 - SWE

| # Part Number | Thread mm | | Hose I.D. inch | A inch | A mm | E inch | E mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 1CF43-8-4 | 8 | M14x1,5 | 1/4 | 2.01 | 51 | 1.14 | 29 | 17 | 1.10 | 28 |
| 1CF43-10-5 | 10 | M16x1,5 | 5/16 | 2.40 | 61 | 1.16 | 29 | 19 | 1.46 | 37 |
| 1CF43-10-6 | 10 | M16x1,5 | 3/8 | 2.56 | 65 | 1.38 | 35 | 19 | 1.46 | 37 |
| 1CF43-12-5 | 12 | M18x1,5 | 5/16 | 2.40 | 61 | 1.18 | 30 | 22 | 1.46 | 37 |
| 1CF43-12-6 | 12 | M18x1,5 | 3/8 | 2.52 | 64 | 1.42 | 36 | 22 | 1.38 | 35 |
| 1CF43-15-8 | 15 | M22x1,5 | 1/2 | 2.80 | 71 | 1.69 | 43 | 27 | 1.46 | 37 |
| 1CF43-18-10 | 18 | M26x1.5 | 5/8 | 3.17 | 81 | 1.77 | 45 | 32 | 1.61 | 41 |
| 1CF43-22-12 | 22 | M30x2 | 3/4 | 3.50 | 89 | 2.17 | 55 | 36 | 1.93 | 49 |
| 1CF43-35-20 | 35 | M45x2 | 1-1/4 | 5.12 | 130 | 3.11 | 79 | 50 | 3.27 | 83 |

Metric L: Mates with EO "L" Series Fittings.



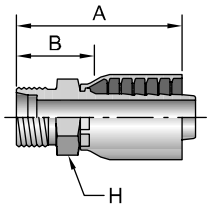



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# 1D243

## Male Metric S - Rigid - (24° Cone)

ISO 12151-2

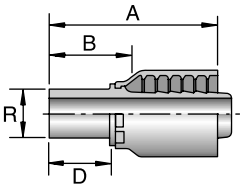



| # Part Number | Thread mm | | Hose I.D. inch | A inch | A mm | H mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|
| 1D243-8-4 | 8 | M16x1,5 | 1/4 | 1.73 | 44 | 17 | 0.87 | 22 |
| 1D243-10-4 | 10 | M18x1,5 | 1/4 | 1.73 | 44 | 19 | 0.87 | 22 |
| 1D243-12-5 | 12 | M20x1,5 | 5/16 | 2.20 | 56 | 22 | 1.29 | 33 |
| 1D243-12-6 | 12 | M20x1,5 | 3/8 | 1.97 | 50 | 22 | 1.02 | 26 |
| 1D243-14-6 | 14 | M22x1,5 | 3/8 | 2.17 | 55 | 22 | 0.98 | 25 |
| 1D243-16-8 | 16 | M24x1,5 | 1/2 | 2.36 | 60 | 24 | 1.17 | 30 |
| 1D243-20-10 | 20 | M30x2 | 5/8 | 2.95 | 75 | 30 | 1.44 | 37 |
| 1D243-25-12 | 25 | M36x2 | 3/4 | 2.87 | 73 | 36 | 1.30 | 33 |
| 1D243-30-16 | 30 | M42x2 | 1 | 3.39 | 86 | 46 | 1.54 | 39 |

# 13D43

## Male Standpipe Metric S - Rigid

End Connection per ISO 8434-1-SDS

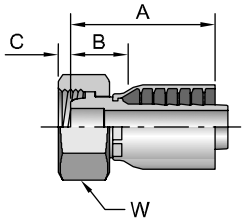



| # Part Number | R mm | Hose I.D. inch | A inch | A mm | D inch | D mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|
| 13D43-10-4 | 10 | 1/4 | 2.13 | 54 | 1.02 | 26 | 1.26 | 32 |
| 13D43-12-5 | 12 | 5/16 | 2.52 | 64 | 1.02 | 26 | 1.61 | 41 |
| 13D43-14-6 | 14 | 3/8 | 2.52 | 64 | 1.14 | 29 | 1.38 | 35 |
| 13D43-16-8 | 16 | 1/2 | 2.68 | 68 | 1.18 | 30 | 1.42 | 36 |
| 13D43-20-10 | 20 | 5/8 | 3.39 | 86 | 1.42 | 36 | 1.88 | 48 |
| 13D43-20-12 | 20 | 3/4 | 3.19 | 81 | 1.42 | 36 | 1.57 | 40 |
| 13D43-25-12 | 25 | 3/4 | 3.35 | 85 | 1.57 | 40 | 1.73 | 44 |
| 13D43-30-16 | 30 | 1 | 3.82 | 97 | 1.73 | 44 | 2.01 | 51 |

Light Series 11D43-6-4, 11D43-8-4 and 11D43-12-6 are used in place of their Heavy Series equivalent size and accept the EO Heavy “S” Series ferrules and nuts.

# 1C643

## Female Metric S - Swivel - (Ball Nose)




| # Part Number | Thread mm | | Hose I.D. inch | A inch | A mm | C inch | C mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 1C643-8-4 | 8 | M16x1,5 | 1/4 | 1.57 | 40 | 0.15 | 4 | 19 | 1.20 | 30 |
| 1C643-10-4 | 10 | M18x1,5 | 1/4 | 1.63 | 41 | 0.10 | 3 | 22 | 1.20 | 30 |
| 1C643-12-5 | 12 | M20x1,5 | 5/16 | 1.87 | 47 | 0.08 | 2 | 24 | 1.20 | 30 |
| 1C643-12-6 | 12 | M20x1,5 | 3/8 | 1.76 | 45 | 0.08 | 2 | 24 | 1.32 | 34 |
| 1C643-12-8 | 12 | M20x1,5 | 1/2 | 2.18 | 55 | 0.08 | 2 | 24 | 1.30 | 33 |
| 1C643-14-6 | 14 | M22x1,5 | 3/8 | 1.94 | 49 | 0.17 | 4 | 27 | 1.32 | 34 |
| 1C643-16-8 | 16 | M24x1,5 | 1/2 | 2.13 | 54 | 0.19 | 5 | 30 | 1.39 | 35 |
| 1C643-20-10 | 20 | M30x2 | 5/8 | 2.38 | 60 | 0.21 | 5 | 36 | 1.39 | 35 |
| 1C643-20-12 | 20 | M30x2 | 3/4 | 2.46 | 62 | 0.21 | 5 | 40 | 1.03 | 37 |
| 1C643-25-12 | 25 | M36x2 | 3/4 | 2.48 | 63 | 0.28 | 7 | 46 | 1.56 | 40 |
| 1C643-30-16 | 30 | M42x2 | 1 | 2.89 | 73 | 0.37 | 9 | 50 | 1.95 | 50 |

Metric L: Mates with EO “L” Series Fittings.
Metric S: Mates with EO “S” Series Fittings.

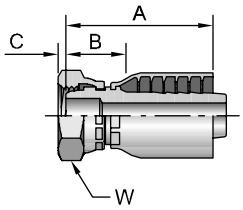


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# 1C043

## Female Metric - Swivel - (Ball Nose)

| # Part Number | Thread | | Hose I.D. | A | | C | | W | B | |
|---|---|---|---|---|---|---|---|---|---|---|
| | mm | | inch | inch | mm | inch | mm | mm | inch | mm |
| 1C043-20-12 | 20 | M30x1,5 | 3/4 | 2.48 | 63 | 0.21 | 5 | 36 | 0.94 | 24 |
| 1C043-25-16 | 25 | M38x1,5 | 1 | 2.99 | 76 | 0.28 | 7 | 46 | 1.14 | 29 |

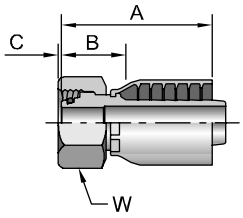



# 1C943

## Female Metric S - Swivel - (24˚ Cone with O-Ring)

ISO 12151-2 - SWS

| # Part Number | Thread | | Hose I.D. | A | | C | | W | B | |
|---|---|---|---|---|---|---|---|---|---|---|
| | mm | | inch | inch | mm | inch | mm | mm | inch | mm |
| 1C943-6-4 | 6 | M14x1,5 | 1/4 | 1.89 | 48 | 0.01 | 0 | 17 | 1.02 | 26 |
| 1C943-8-4 | 8 | M16x1,5 | 1/4 | 1.77 | 45 | 0.01 | 0 | 19 | 0.91 | 23 |
| 1C943-10-4 | 10 | M18x1,5 | 1/4 | 1.81 | 46 | 0.01 | 0 | 22 | 0.87 | 22 |
| 1C943-10-5 | 10 | M18x1,5 | 5/16 | 1.85 | 47 | 0.01 | 0 | 22 | 0.87 | 22 |
| 1C943-10-6 | 10 | M18x1,5 | 3/8 | 1.97 | 50 | 0.01 | 0 | 22 | 0.83 | 21 |
| 1C943-12-5 | 12 | M20x1,5 | 5/16 | 1.89 | 48 | 0.03 | 1 | 24 | 0.94 | 24 |
| 1C943-12-6 | 12 | M20x1,5 | 3/8 | 2.05 | 52 | 0.03 | 1 | 24 | 0.87 | 22 |
| 1C943-14-6 | 14 | M22x1,5 | 3/8 | 1.97 | 50 | 0.03 | 1 | 27 | 0.83 | 21 |
| 1C943-16-8 | 16 | M24x1,5 | 1/2 | 2.33 | 59 | 0.09 | 2 | 30 | 0.94 | 24 |
| 1C943-20-10 | 20 | M30x2 | 5/8 | 2.59 | 66 | 0.05 | 1 | 36 | 1.06 | 27 |
| 1C943-20-12 | 20 | M30x2 | 3/4 | 2.59 | 66 | 0.05 | 1 | 36 | 1.06 | 27 |
| 1C943-25-12 | 25 | M36x2 | 3/4 | 2.67 | 68 | 0.10 | 3 | 46 | 1.10 | 28 |
| 1C943-25-16 | 25 | M36x2 | 1 | 3.07 | 78 | 0.08 | 2 | 46 | 1.30 | 33 |
| 1C943-30-16 | 30 | M42x2 | 1 | 3.03 | 77 | 0.19 | 5 | 50 | 1.26 | 32 |
| 1C943-38-20 | 38 | M52x2 | 1-1/4 | 3.15 | 80 | 0.23 | 6 | 60 | 1.30 | 33 |



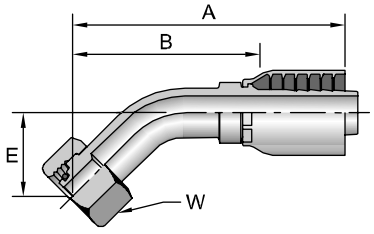

# 10C43

## Female Metric S - Swivel - 45˚ Elbow - (24˚ Cone with O-Ring)

ISO 12151-2 - SWE45

| # Part Number | Thread | | Hose I.D. | A | | E | | W | B | |
|---|---|---|---|---|---|---|---|---|---|---|
| | mm | | inch | inch | mm | inch | mm | mm | inch | mm |
| 10C43-8-4 | 8 | M16x1,5 | 1/4 | 2.32 | 59 | 0.63 | 16 | 19 | 1.38 | 35 |
| 10C43-12-5 | 12 | M20x1,5 | 5/16 | 2.80 | 71 | 0.67 | 17 | 24 | 1.85 | 47 |
| 10C43-12-6 | 12 | M20x1,5 | 3/8 | 2.72 | 69 | 0.79 | 20 | 24 | 1.57 | 40 |
| 10C43-16-8 | 16 | M24x1,5 | 1/2 | 3.23 | 82 | 0.94 | 24 | 30 | 1.89 | 48 |
| 10C43-20-10 | 20 | M30x2 | 5/8 | 3.58 | 91 | 0.98 | 25 | 36 | 2.05 | 52 |
| 10C43-20-12 | 20 | M30x2 | 3/4 | 3.94 | 100 | 1.14 | 29 | 36 | 2.36 | 60 |
| 10C43-25-12 | 25 | M36x2 | 3/4 | 3.97 | 101 | 1.18 | 30 | 46 | 2.40 | 61 |
| 10C43-30-16 | 30 | M42x2 | 1 | 4.96 | 126 | 1.42 | 36 | 50 | 3.11 | 79 |
| 10C43-38-20^^ | 38 | M52x2 | 1-1/4 | 5.59 | 142 | 1.50 | 38 | 60 | 3.74 | 95 |

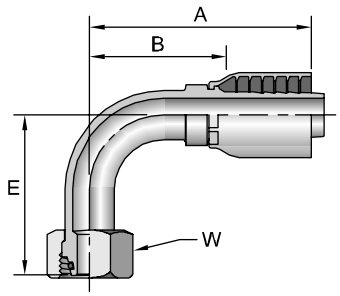
^^Must be assembled with Die Part No. 83C-A20H in a Superkrimp or Parkrimp 2.



# 11C43

## Female Metric S - Swivel - 90˚ Elbow - (24˚ Cone with O-Ring)

ISO 12151-2 - SWE



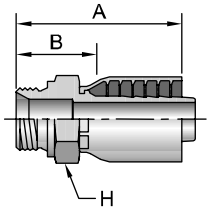

| # Part Number | Thread mm | | Hose I.D. inch | A inch | A mm | E inch | E mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 11C43-8-4 | 8 | M16x1,5 | 1/4 | 1.89 | 48 | 1.14 | 29 | 19 | 1.02 | 26 |
| 11C43-10-4 | 10 | M18x1,5 | 1/4 | 1.97 | 50 | 1.14 | 29 | 22 | 1.02 | 26 |
| 11C43-12-5 | 12 | M20x1,5 | 5/16 | 2.36 | 60 | 1.26 | 32 | 24 | 1.42 | 36 |
| 11C43-12-6 | 12 | M20x1,5 | 3/8 | 2.56 | 65 | 1.46 | 37 | 24 | 1.38 | 35 |
| 11C43-14-6 | 14 | M22x1,5 | 3/8 | 2.56 | 65 | 1.46 | 37 | 27 | 1.38 | 35 |
| 11C43-16-8 | 16 | M24x1,5 | 1/2 | 2.83 | 72 | 1.77 | 45 | 30 | 1.46 | 37 |
| 11C43-20-10 | 20 | M30x2 | 5/8 | 3.11 | 79 | 1.89 | 48 | 36 | 1.57 | 40 |
| 11C43-25-12 | 25 | M36x2 | 3/4 | 3.50 | 89 | 2.32 | 59 | 46 | 1.93 | 49 |
| 11C43-30-16 | 30 | M42x2 | 1 | 4.53 | 115 | 2.99 | 76 | 50 | 2.68 | 68 |
| 11C43-38-20^^ | 38 | M52x2 | 1-1/4 | 5.12 | 130 | 3.15 | 80 | 60 | 3.27 | 83 |

^^Must be assembled with Die Part No. 83C-A20H in a Superkrimp or Parkrimp 2.

# 1D943

## Male BSP Parallel Pipe - Rigid - (60° Cone)

ISO 12151-6



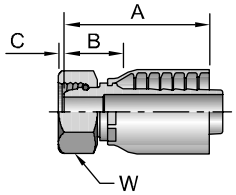

| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | H mm | B inch | B mm |
|---|---|---|---|---|---|---|---|
| 1D943-4-4 | 1/4x19 | 1/4 | 1.77 | 45 | 19 | 0.91 | 23 |
| 1D943-6-5 | 3/8x19 | 5/16 | 2.13 | 54 | 22 | 1.22 | 31 |
| 1D943-6-6 | 3/8x19 | 3/8 | 2.13 | 54 | 22 | 1.22 | 31 |
| 1D943-8-6 | 1/2x14 | 3/8 | 2.36 | 60 | 27 | 1.22 | 31 |
| 1D943-8-8 | 1/2x14 | 1/2 | 2.44 | 62 | 27 | 1.10 | 28 |
| 1D943-12-12 | 3/4x14 | 3/4 | 2.76 | 70 | 32 | 1.18 | 30 |
| 1D943-16-16 | 1x11 | 1 | 3.23 | 82 | 41 | 1.38 | 35 |

When used in a port, a bonded seal must be used. See Accessories Section for more information.

# 19243

## Female BSP Parallel Pipe - Swivel - (60° Cone)

ISO 12151-6




| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | C inch | C mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 19243-2-4 | 1/8x28 | 1/4 | 1.61 | 41 | 0.20 | 5 | 14 | 0.67 | 17 |
| 19243-4-4 | 1/4x19 | 1/4 | 1.95 | 50 | 0.22 | 6 | 19 | 1.20 | 30 |
| 19243-6-4 | 3/8x19 | 1/4 | 1.73 | 44 | 0.26 | 7 | 22 | 0.79 | 20 |
| 19243-6-6 | 3/8x19 | 3/8 | 2.35 | 60 | 0.26 | 7 | 22 | 1.32 | 34 |
| 19243-6-8 | 3/8x19 | 1/2 | 2.17 | 55 | 0.26 | 7 | 22 | 0.79 | 20 |
| 19243-8-6 | 1/2x14 | 3/8 | 2.01 | 51 | 0.28 | 7 | 27 | 0.87 | 22 |
| 19243-8-8 | 1/2x14 | 1/2 | 2.72 | 69 | 0.28 | 7 | 27 | 1.46 | 37 |
| 19243-10-8 | 5/8x14 | 1/2 | 2.80 | 71 | 0.37 | 9 | 30 | 1.54 | 39 |
| 19243-10-10 | 5/8x14 | 5/8 | 2.99 | 76 | 0.37 | 9 | 30 | 1.55 | 39 |
| 19243-12-10 | 3/4x14 | 5/8 | 3.11 | 79 | 0.35 | 9 | 36 | 1.67 | 42 |
| 19243-12-12 | 3/4x14 | 3/4 | 3.19 | 81 | 0.35 | 9 | 36 | 1.75 | 44 |
| 19243-16-16 | 1x11 | 1 | 3.67 | 93 | 0.44 | 11 | 41 | 2.05 | 52 |
| 19243-20-20 | 1-1/43 | 1-1/4 | 3.11 | 79 | 0.41 | 11 | 50 | 1.26 | 32 |

When measuring overall length to the end of the nut, B+C dimensions must be used to calculate cut-off allowance.



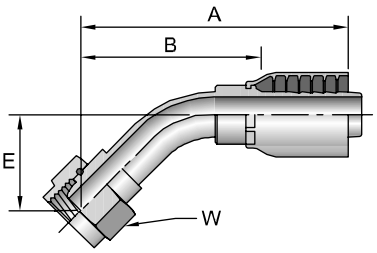
Hose Products Division
Parker Hannifin Corporation
Wickliffe, Ohio
www.parkerhose.com

# 1B143

## Female BSP Parallel Pipe - Swivel - 45° Elbow - (60° Cone)

ISO 12151-6

| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | E inch | E mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 1B143-4-4 | 1/4x19 | 1/4 | 2.26 | 57 | 0.61 | 15 | 19 | 1.51 | 38 |
| 1B143-6-6 | 3/8x19 | 3/8 | 2.61 | 66 | 0.67 | 17 | 22 | 1.59 | 40 |
| 1B143-8-8 | 1/2x14 | 1/2 | 3.10 | 78 | 0.79 | 20 | 27 | 1.85 | 46 |
| 1B143-10-10 | 5/8x14 | 5/8 | 3.53 | 89 | 0.91 | 23 | 30 | 2.08 | 52 |
| 1B143-12-10 | 3/4x14 | 5/8 | 3.47 | 88 | 0.87 | 22 | 32 | 2.02 | 51 |
| 1B143-12-12 | 3/4x14 | 3/4 | 3.77 | 95 | 0.98 | 24 | 32 | 2.34 | 59 |
| 1B143-16-16 | 1x11 | 1 | 4.72 | 119 | 1.22 | 30 | 41 | 3.10 | 78 |

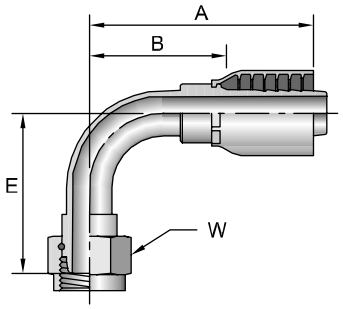



# 1B243

## Female BSP Parallel Pipe - Swivel - 90° Elbow - (60° Cone)

ISO 12151-6

| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | E inch | E mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 1B243-2-4 | 1/8x28 | 1/4 | 1.97 | 50 | 1.10 | 28 | 14 | 1.02 | 26 |
| 1B243-4-4 | 1/4x19 | 1/4 | 1.83 | 46 | 1.12 | 28 | 19 | 1.08 | 27 |
| 1B243-6-6 | 3/8x19 | 3/8 | 2.32 | 59 | 1.46 | 37 | 22 | 1.32 | 34 |
| 1B243-8-6 | 1/2x14 | 3/8 | 2.60 | 66 | 1.38 | 35 | 27 | 1.46 | 37 |
| 1B243-8-8 | 1/2x14 | 1/2 | 2.95 | 75 | 1.57 | 40 | 27 | 1.57 | 40 |
| 1B243-10-8 | 5/8x14 | 1/2 | 2.91 | 74 | 1.57 | 40 | 30 | 1.54 | 39 |
| 1B243-10-10 | 5/8x14 | 5/8 | 3.13 | 80 | 1.57 | 40 | 30 | 1.72 | 44 |
| 1B243-12-10 | 3/4x14 | 5/8 | 3.62 | 92 | 2.32 | 59 | 32 | 2.05 | 52 |
| 1B243-12-12 | 3/4x14 | 3/4 | 3.58 | 91 | 2.32 | 59 | 32 | 2.00 | 51 |
| 1B243-16-16 | 1x11 | 1 | 4.33 | 110 | 2.48 | 63 | 41 | 2.56 | 65 |
| 1B243-20-20 | 1-1/4x11 | 1-1/4 | 4.72 | 120 | 2.99 | 76 | 50 | 2.87 | 73 |

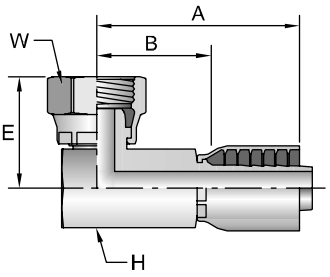



# 1B443

## Female BSP Parallel Pipe - Swivel - 90° Elbow - Block Type - (60° Cone)

ISO 228-1

| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | E inch | E mm | H mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 1B443-4-4 | 1/4x19 | 1/4 | 2.40 | 61 | 1.14 | 29 | 17 | 19 | 1.40 | 36 |
| 1B443-6-6 | 3/8x19 | 3/8 | 2.76 | 70 | 1.02 | 26 | 19 | 22 | 1.42 | 36 |
| 1B443-8-8 | 1/2x14 | 1/2 | 3.19 | 81 | 1.02 | 26 | 22 | 27 | 1.57 | 40 |
| 1B443-12-12 | 3/4x14 | 3/4 | 3.30 | 84 | 1.30 | 33 | 23 | 32 | 0.98 | 25 |




Metric S: Mates with EO "S" Series Fittings.
When measuring overall length to the end of the nut, B+C dimensions must be used to calculate cut-off allowance.



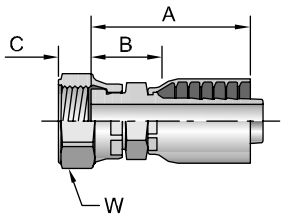
Hose Products Division
Parker Hannifin Corporation
Wickliffe, Ohio
www.parkerhose.com

A
B
C
D
E

# 1B543

## Female BSP Parallel Pipe - Swivel - (Flat Seat)

ISO 228-1

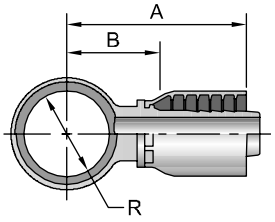



| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | C inch | C mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 1B543-6-6 | 3/8x19 | 3/8 | 1.93 | 49 | 0.35 | 9 | 22 | 0.79 | 20 |
| 1B543-8-6 | 1/2x14 | 3/8 | 1.89 | 48 | 0.43 | 11 | 27 | 0.75 | 19 |
| 1B543-8-8 | 1/2x14 | 1/2 | 2.28 | 58 | 0.43 | 11 | 27 | 0.94 | 24 |
| 1B543-12-12 | 3/4x14 | 3/4 | 2.28 | 58 | 0.33 | 8 | 32 | 0.94 | 24 |

When measuring overall length to the end of the nut, B+C dimensions must be used to calculate cut-off allowance.

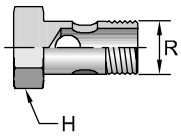
# 14943

## DIN Metric Banjo




| # Part Number | R mm | Hose I.D. inch | A inch | A mm | B inch | B mm |
|---|---|---|---|---|---|---|
| 14943-10-4 | 10 | | 1.85 | 47 | 0.94 | 24 |
| 14943-12-4 | 12 | 1/4 | 1.85 | 47 | 0.98 | 25 |
| 14943-14-5 | 14 | 5/16 | 2.01 | 51 | 1.06 | 27 |
| 14943-16-6 | 16 | 3/8 | 2.28 | 58 | 1.14 | 29 |
| 14943-18-8 | 18 | 1/2 | 2.60 | 66 | 1.22 | 31 |
| 14943-22-10 | 22 | 5/8 | 2.91 | 74 | 1.38 | 35 |
| 14943-26-12 | 26 | 3/4 | 3.07 | 78 | 1.54 | 39 |

## AM Banjo Bolt w/DIN Metric Thread




| # Part Number | R Thread mm | | H mm | Copper Washer 2 |
|---|---|---|---|---|
| AM-03 | 8 | M8x1 | 12 | 853009-8 |
| AM-04 | 10 | M10x1 | 14 | 853009-10 |
| AM-06 | 12 | M12x1,5 | 17 | 853009-12 |
| AM-08 | 14 | M14x1,5 | 19 | 853009-14 |
| AM-10 | 16 | M16x1,5 | 22 | 853009-16 |
| AM-13 | 18 | M18x1,5 | 24 | 853009-18 |
| AM-16 | 22 | M22x1,5 | 27 | 853009-22 |
| AM-20 | 26 | M26x1,5 | 32 | 853009-26 |
| AM-30 | 30 | M30x1,5 | 36 | 853009-30 |

Two (2) copper washers per bolt must be ordered separately.

Metric S: Mates with EO "S" Series Fittings.

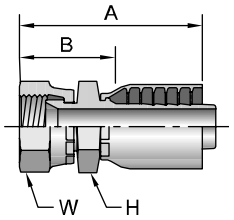


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# 1MU43

## Female Metric - Swivel - (30° Flare)

| # Part Number | Thread mm | Hose I.D. inch | A inch | A mm | H mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|
| 1MU43-4-4 | M14x1,5 | 1/4 | 2.07 | 53 | 19 | 19 | 1.32 | 34 |
| 1MU43-6-4 | M18x1,5 | 1/4 | 2.18 | 55 | 24 | 24 | 1.43 | 36 |
| 1MU43-6-6 | M18x1,5 | 3/8 | 2.45 | 62 | 24 | 24 | 1.42 | 36 |
| 1MU43-8-8 | M22x1,5 | 1/2 | 2.84 | 72 | 27 | 27 | 1.58 | 40 |

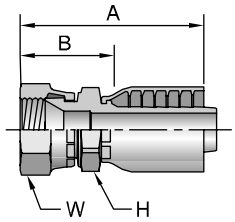



Japanese Fittings - Female Swivel 30° Flare with Metric Threads. All 30° flared fitting sizes are available by combining the 1MU43 fittings in sizes up to -8 with the 1XU43 fittings in sizes -10 and larger.

# 1XU43

## Female Metric - Swivel - (30° Flare)

| # Part Number | Thread mm | Hose I.D. inch | A inch | A mm | H mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|
| 1XU43-10-10 | M24x1,5 | 5/8 | 3.25 | 83 | 30 | 32 | 1.81 | 46 |
| 1XU43-12-12 | M30x1,5 | 3/4 | 3.40 | 86 | 32 | 36 | 1.96 | 50 |
| 1XU43-16-16 | M33x1,5 | 1 | 4.03 | 102 | 36 | 41 | 2.41 | 61 |
| 1XU43-20-20 | M36x1,5 | 1-1/4 | 4.19 | 106 | 46 | 46 | 2.50 | 64 |
| 1XU43-24-24 | M42x1,5 | 1-1/2 | 4.12 | 105 | 50 | 55 | 2.75 | 70 |



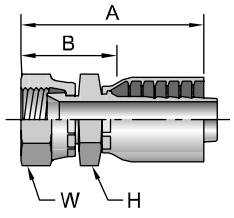

Japanese Fittings - Female Swivel 30° Flare with Metric Threads. All 30° flared fitting sizes are available by combining the 1MU43 fittings in sizes up to -8 with the 1XU43 fittings in sizes -10 and larger.

# 1FU43

## Female BSP Parallel Pipe - Swivel - (30° Flare)

B8363 Code F

| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | H mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|
| 1FU43-4-4 | 1/4x19 | 1/4 | 1.90 | 48 | 19 | 19 | 1.15 | 29 |
| 1FU43-6-6 | 3/8x19 | 3/8 | 2.32 | 59 | 22 | 22 | 1.29 | 33 |
| 1FU43-8-8 | 1/2x14 | 1/2 | 2.66 | 68 | 27 | 27 | 1.40 | 36 |
| 1FU43-12-12 | 3/4x14 | 3/4 | 3.06 | 78 | 36 | 36 | 1.62 | 41 |
| 1FU43-16-16 | 1x11 | 1 | 3.53 | 90 | 41 | 41 | 1.91 | 49 |
| 1FU43-20-20 | 1-1/4x11 | 1-1/4 | 3.87 | 98 | 50 | 50 | 2.18 | 55 |





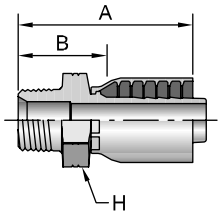



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# 1UT43

## Male BSP Taper Pipe - Rigid - (60° Cone)

B8363 Code R

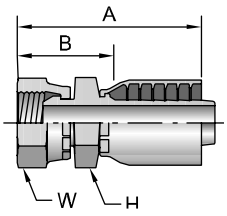



| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | H mm | B inch | B mm |
|---|---|---|---|---|---|---|---|
| 1UT43-4-4 | 1/4x19 | 1/4 | 1.92 | 49 | 19 | 1.17 | 30 |
| 1UT43-6-6 | 3/8x19 | 3/8 | 2.25 | 57 | 22 | 1.22 | 31 |
| 1UT43-8-8 | 1/2x14 | 1/2 | 2.68 | 68 | 27 | 1.42 | 36 |
| 1UT43-12-12 | 3/4x14 | 3/4 | 2.96 | 75 | 36 | 1.53 | 39 |
| 1UT43-16-16 | 1x11 | 1 | 3.48 | 88 | 41 | 1.86 | 47 |
| 1UT43-20-20 | 1-1/4x11 | 1-1/4 | 3.75 | 95 | 50 | 2.10 | 53 |

# 1GU43

## Female BSP Parallel Pipe - Swivel - (60° Cone)

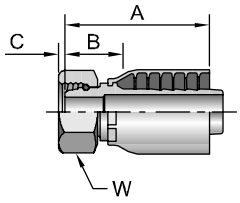
B8363 Code C




| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | H mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|
| 1GU43-4-4 | 1/4x19 | 1/4 | 2.08 | 53 | 19 | 19 | 1.33 | 34 |
| 1GU43-6-6 | 3/8x19 | 3/8 | 2.45 | 62 | 22 | 22 | 1.42 | 36 |
| 1GU43-8-8 | 1/2x14 | 1/2 | 2.81 | 71 | 27 | 27 | 1.56 | 40 |
| 1GU43-12-12 | 3/4x14 | 3/4 | 3.24 | 82 | 36 | 36 | 1.81 | 46 |
| 1GU43-16-16 | 1x11 | 1 | 3.74 | 95 | 41 | 41 | 2.12 | 54 |
| 1GU43-20-20 | 1-1/4x11 | 1-1/4 | 4.07 | 103 | 50 | 50 | 2.38 | 60 |

# 1F443

## Female French Gaz Series - Swivel - (Ball Nose)

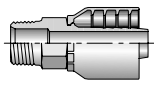
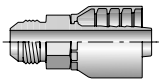
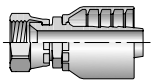
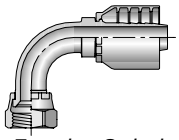
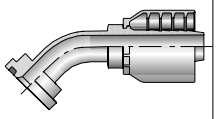
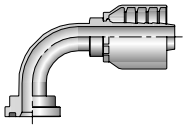
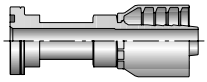
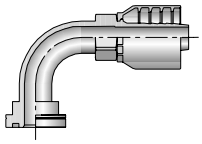
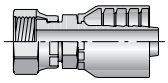
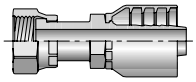
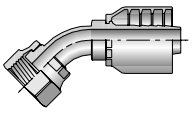
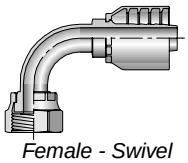
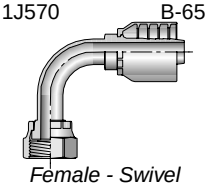
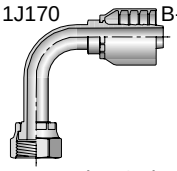
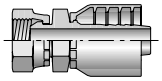
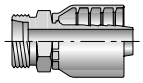
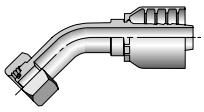
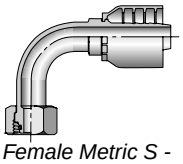
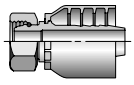
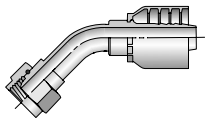
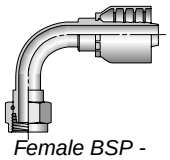
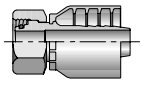
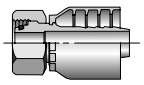
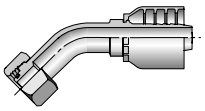
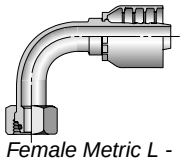
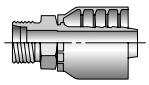
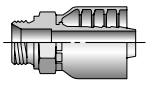



| # Part Number | Thread mm | | Hose I.D. inch | A inch | A mm | C inch | C mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 1F443-27-12 | 27 | M36x1,5 | 3/4 | 3 | 76 | 0.14 | 4 | 55 | 1.14 | 29 |

When measuring overall length to the end of the nut, B+C dimensions must be used to calculate cut-off allowance.



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| | | | | | |
|---|---|---|---|---|---|
| **NPTF Pipe** | 10170 B-62<br>  <br>*Male - Rigid* | **JIC 37˚** | 10370 B-62<br>  <br>*Male - Rigid* | 10670 B-62<br>  <br>*Female - Swivel* | 13970 B-62<br>  <br>*Female - Swivel 90˚ Elbow - Short* |
| **Code 61 Flange** | 11770 B-63<br>  <br>*45˚ Elbow* | 11970 B-63<br>  <br>*90˚ Elbow* | **Code 62 Flange** | 16A70 B-63<br>  <br>*Flange Head* | 16N70 B-64<br>  <br>*90˚ Elbow* |
| **Seal-Lok® (O-Ring Face Seal)** | 1JC70 B-64<br>  <br>*Female - Swivel Short* | 1JS70 B-64<br>  <br>*Female - Swivel Long* | 1J770 B-64<br>  <br>*Femal - Swivel 45˚ Elbow* | 1J970 B-65<br>  <br>*Female - Swivel 90˚ Elbow - Short* | 1J570 B-65<br>  <br>*Female - Swivel 90˚ Elbow - Medium* |
| 1J170 B-65<br>  <br>*Female - Swivel 90˚ Elbow - Long* | **BSP 60˚ Cone** | 1GU70 B-66<br>  <br>*Female - Swivel* | **French Gaz** | 1FG70 B-66<br>  <br>*Male - Rigid* | **Metric** |
| 10C70 B-67<br>  <br>*Female Metric S - Swivel - 45° Elbow* | 11C70 B-67<br>  <br>*Female Metric S - Swivel - 90° Elbow* | 19270 B-67<br>  <br>*Female BSP - Swivel - 60° Cone* | 1B170 B-67<br>  <br>*Female BSP - Swivel - 45° Elbow* | 1B270 B-68<br>  <br>*Female BSP - Swivel - 90° Elbow* | 1C970 B-68<br>  <br>*Female - Swivel* |
| 1CA70 B-68<br>  <br>*Female Metric L - Swivel - 24° Cone* | 1CE70 B-68<br>  <br>*Female Metric L - Swivel - 45° Elbow* | 1CF70 B-69<br>  <br>*Female Metric L - Swivel - 90° Elbow* | 1D270 B-69<br>  <br>*Male Metric S - Rigid* | 1D970 B-69<br>  <br>*Male - BSP - Rigid* | |





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A

B

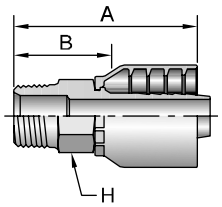
C

D

E

## 10170

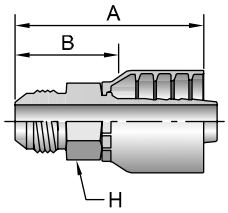
### Male NPTF Pipe - Rigid




| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | H inch | B inch | B mm |
|---|---|---|---|---|---|---|---|
| 10170-6-6 | 3/8x18 | 3/8 | 2.37 | 60 | 3/4 | 1.47 | 37 |
| 10170-8-8 | 1/2x14 | 1/2 | 2.84 | 72 | 7/8 | 1.40 | 36 |

## 10370

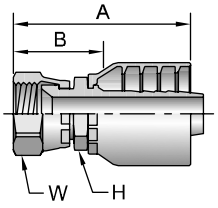
### Male JIC 37˚ - Rigid




| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | H inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|
| 10370-8-8 | 1/2 | 3/4x16 | 1/2 | 2.68 | 68 | 7/8 | 1.47 | 37 |
| 10370-10-8 | 5/8 | 7/8x14 | 1/2 | 2.62 | 66 | 15/16 | 1.41 | 36 |

## 10670

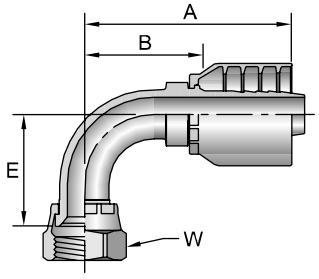
### Female JIC 37° - Swivel




| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | H inch | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 10670-6-6 | 3/8 | 9/16x18 | 3/8 | 2.29 | 58 | 11/16 | 11/16 | 1.39 | 35 |
| 10670-8-8 | 1/2 | 3/4x16 | 1/2 | 2.62 | 67 | 13/16 | 7/8 | 1.41 | 36 |
| 10670-10-8 | 5/8 | 7/8x14 | 1/2 | 2.85 | 72 | 7/8 | 1 | 1.64 | 42 |
| 10670-10-10 | 5/8 | 7/8x14 | 5/8 | 2.84 | 72 | 15/16 | 1 | 1.59 | 40 |

## 13970

### Female JIC 37° - Swivel - 90° Elbow - Short Drop




| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 13970-8-8 | 1/2 | 3/4x16 | 1/2 | 2.62 | 67 | 1.14 | 29 | 7/8 | 1.41 | 36 |



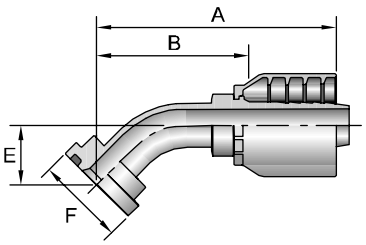
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## 11770

### SAE Code 61 Flange Head - 45˚ Elbow

ISO 12151-3 - 45S - L

| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 11770-8-8 | 1/2 | 1/2 | 3.28 | 83 | 0.77 | 20 | 1-3/16 | 2.07 | 53 |
| 11770-12-10 | 3/4 | 5/8 | 3.37 | 86 | 0.76 | 19 | 1-1/2 | 2.12 | 54 |

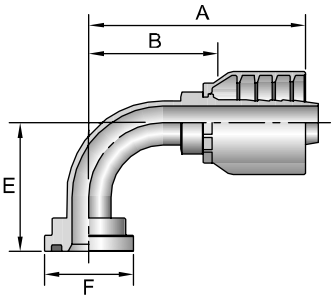



## 11970

### SAE Code 61 Flange Head - 90˚ Elbow

ISO 12151-3 - E90S - L

| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 11970-8-8 | 1/2 | 1/2 | 2.93 | 74 | 1.60 | 41 | 1-3/16 | 1.72 | 44 |
| 11970-12-10 | 3/4 | 5/8 | 3.54 | 90 | 2.02 | 51 | 1-1/2 | 2.29 | 58 |

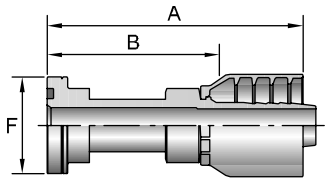



## 16A70

### SAE Code 62 Flange Head

ISO 12151-3 - S - S

| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|
| 16A70-8-8 | 1/2 | 1/2 | 3.50 | 88,9 | 1-1/4 | 2.29 | 56,9 |




See Accessories Section for O-Rings and Flange Kits.



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A

B

C

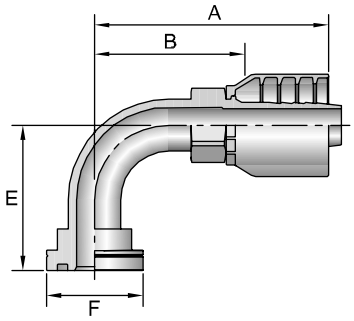
D

E

## 16N70

### SAE Code 62 Flange Head - 90˚ Elbow

ISO 12151-3 - E90S - S ( 1 Piece: ISO 12151-3 - E90M - S)

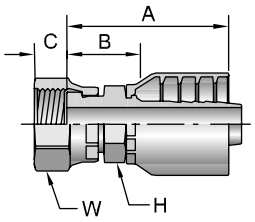



| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 16N70-8-8 | 1/2 | 1/2 | 2.60 | 66 | 1.61 | 41 | 1-1/4 | 1.34 | 34 |

## 1JC70

### Female Seal-Lok® - Swivel - Short

ISO 12151- 1 - SWSA

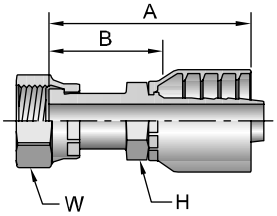



| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | C inch | C mm | H inch | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1JC70-6-6 | 3/8 | 11/16x16 | 3/8 | 1.94 | 49 | 0.34 | 9 | 11/16 | 13/16 | 1.04 | 26 |
| 1JC70-8-6 | 1/2 | 13/16x16 | 3/8 | 2.00 | 51 | 0.43 | 11 | 13/16 | 15/16 | 1.10 | 28 |
| 1JC70-8-8 | 1/2 | 13/16x16 | 1/2 | 2.22 | 56 | 0.43 | 11 | 13/16 | 15/16 | 1.01 | 26 |
| 1JC70-10-10 | 5/8 | 1x14 | 5/8 | 2.40 | 61 | 0.53 | 13 | 15/16 | 1-1/8 | 1.15 | 29 |

## 1JS70

### Female Seal-Lok® - Swivel - Long

ISO 12151-1 - SWSB

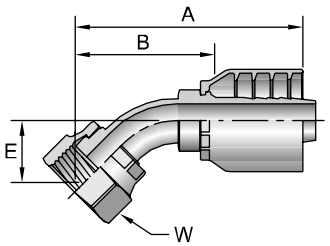



| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | H inch | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 1JS70-6-6 | 3/8 | 11/16x16 | 3/8 | 2.28 | 58 | 11/16 | 13/16 | 1.38 | 35 |
| 1JS70-8-8 | 1/2 | 13/16x16 | 1/2 | 2.65 | 67 | 13/16 | 15/16 | 1.44 | 37 |
| 1JS70-12-8 | 3/4 | 1-3/16x12 | 1/2 | 2.90 | 74 | 1-1/8 | 1-3/8 | 1.69 | 43 |
| 1JS70-12-10 | 3/4 | 1-3/16x12 | 5/8 | 3.10 | 79 | 1-1/8 | 1-3/8 | 1.85 | 47 |

## 1J770

### Female Seal-Lok® - Swivel - 45° Elbow

ISO 12151-1 - SWE45




| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 1J770-10-10 | 5/8 | 1x14 | 5/8 | 3.08 | 78 | 0.63 | 16 | 1-1/8 | 1.83 | 46 |

See Accessories Section for O-Rings and Flange Kits.



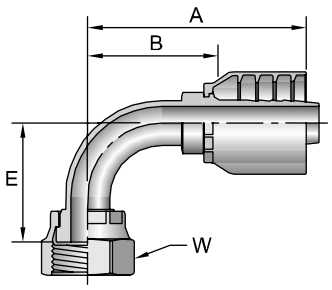
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## 1J970

### Female Seal-Lok® - Swivel - 90˚ Elbow - Short Drop

ISO 12151-1 - SWES90

| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 1J970-8-8 | 1/2 | 13/16x16 | 1/2 | 2.59 | 66 | 1.14 | 29 | 15/16 | 1.38 | 35 |
| 1J970-12-8 | 3/4 | 1-3/16x12 | 1/2 | 3.21 | 82 | 1.88 | 48 | 1-3/8 | 2.00 | 51 |

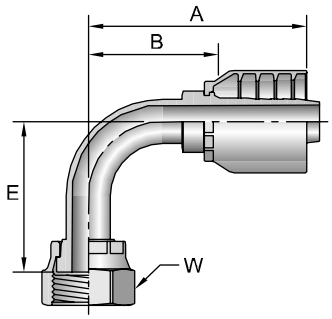



## 1J570

### Female Seal-Lok® - Swivel - 90˚ Elbow - Medium Drop

ISO 12151-1 - SWEM90

| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | E Inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 1J570-10-10 | 5/8 | 1x14 | 5/8 | 2.88 | 73 | 1.85 | 47 | 1-1/8 | 1.63 | 41 |

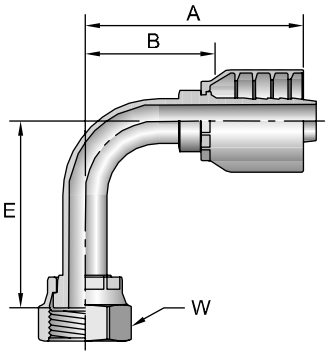



## 1J170

### Female Seal-Lok® - Swivel - 90˚ Elbow - Long Drop

ISO 12151-1 - SWEL90

| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | E Inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 1J170-8-8 | 1/2 | 13/16x16 | 1/2 | 2.59 | 66 | 2.52 | 65 | 15/16 | 1.38 | 35 |
| 1J170-10-10 | 5/8 | 1x14 | 5/8 | 2.88 | 73 | 2.76 | 70 | 1-1/8 | 1.63 | 41 |



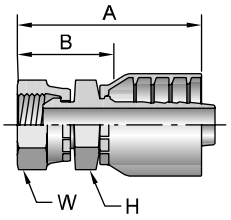

See Accessories Section for O-Rings and Flange Kits.



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## 1GU70

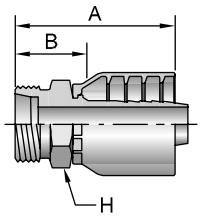
### Female BSP Parallel Pipe - Swivel - (60˚ Cone)




| # Part Number | Thread Inch | Hose I.D. inch | A inch | A mm | H mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|
| 1GU70-6-6 | 3/8x19 | 3/8 | 2.45 | 62 | 22 | NA | 1.55 | 39 |
| 1GU70-8-8 | 1/2x14 | 1/2 | 2.82 | 72 | 27 | NA | 1.61 | 41 |

## 1FG70

### Male French Gaz Series - Rigid - (24˚ Cone)




| # Part Number | Thread mm | | Hose I.D. inch | A inch | A mm | H inch | H mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 1FG70-21-10 | 21 | M30x1,5 | 5/8 | 2.87 | 73 | 1.18 | 30 | 1.62 | 41 |



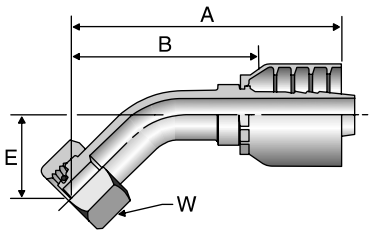
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## 10C70

**Female Metric S - Swivel - 45° Elbow - (24° Cone with O-Ring)**

ISO 12151-2 - SWE45

| # Part Number | Thread mm | | Hose I.D. inch | A inch | A mm | E inch | E mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 10C70-12-6 | 12 | M20x1,5 | 3/8 | 2.72 | 69 | 0.79 | 20 | 24 | 1.57 | 40 |
| 10C70-16-8 | 16 | M24x1,5 | 1/2 | 3.27 | 83 | 0.94 | 24 | 30 | 1.89 | 48 |
| 10C70-20-10 | 20 | M30x2 | 5/8 | 3.58 | 91 | 0.98 | 25 | 36 | 2.05 | 52 |

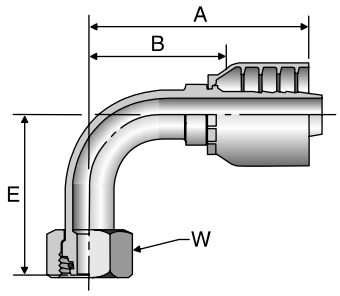



## 11C70

**Female Metric S - Swivel - 90° Elbow - (24° Cone with O-Ring)**

ISO 12151-2 - SWE

| # Part Number | Thread mm | | Hose I.D. inch | A inch | A mm | E inch | E mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 11C70-12-6 | 12 | M20X1,5 | 3/8 | 2.64 | 67 | 1.46 | 37 | 24 | 1.50 | 38 |
| 11C70-20-10 | 20 | M30X2 | 5/8 | 3.11 | 79 | 1.89 | 48 | 36 | 1.57 | 40 |

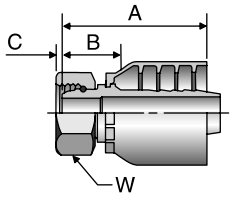



## 19270

**Female BSP Parallel Pipe - Swivel - (60° Cone)**

ISO 228-1

| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | C inch | C mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 19270-6-6 | 3/8x19 | 3/8 | 1.93 | 49 | 0.28 | 7 | 22 | 0.79 | 20 |
| 19270-8-8 | 1/2x14 | 1/2 | 2.24 | 57 | 0.28 | 7 | 27 | 0.87 | 22 |
| 19270-10-10 | 5/8x14 | 5/8 | 2.24 | 57 | 0.35 | 9 | 30 | 0.83 | 21 |
| 19270-12-10 | 3/4x14 | 5/8 | 2.40 | 61 | 0.35 | 9 | 32 | 0.87 | 22 |

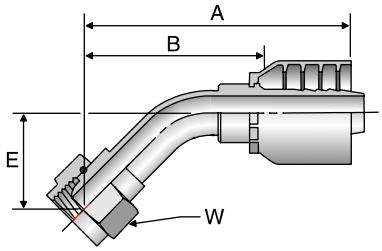



## 1B170

**Female BSP Parallel pipe - Swivel- 45° Elbow - (60° Cone)**

ISO 228-1

| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | E inch | E mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 1B170-8-8 | 1/2x14 | 1/2 | 3.11 | 79 | 0.79 | 20 | 27 | 1.77 | 45 |








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A

B

C

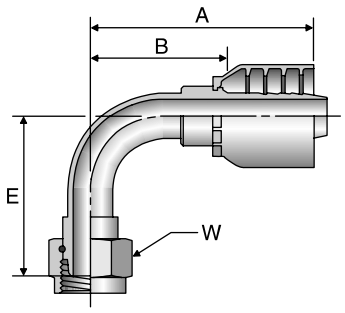
D

E

## 1B270

**Female BSP Parallel Pipe - Swivel - 90° Elbow - (60° Cone)**

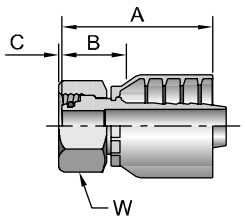
ISO 228-1




| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | E inch | E mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 1B270-8-8 | 1/2x14 | 1/2 | 2.76 | 70 | 1.54 | 39 | 27 | 1.38 | 35 |
| 1B270-10-10 | 5/8x14 | 5/8 | 3.07 | 78 | 1.81 | 46 | 30 | 1.61 | 41 |
| 1B270-12-10 | 3/4x14 | 5/8 | 3.19 | 81 | 1.65 | 42 | 32 | 1.61 | 41 |

## 1C970

**Female Metric S - Swivel - (24˚ Cone with O-Ring)**



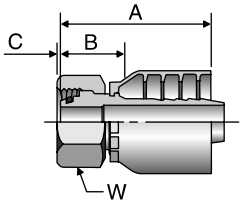

| # Part Number | Thread mm | | Hose I.D. inch | A inch | A mm | C inch | C mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 1C970-12-6 | 12 | M20x1,5 | 3/8 | 2.03 | 52 | 0.03 | 1 | 24 | 1.13 | 29 |
| 1C970-16-8 | 16 | M24x1,5 | 1/2 | 2.31 | 59 | 0.09 | 2 | 30 | 1.10 | 28 |
| 1C970-20-10 | 20 | M30x2 | 5/8 | 2.51 | 64 | 0.05 | 1 | 36 | 1.26 | 32 |

When measuring overall length to end of nut, B + C dimensions must be used to calculate cut-off allowance.

## 1CA70

**Female Metric L - Swivel - (24° Cone with O-Ring)**

ISO 12151-2 - SWS

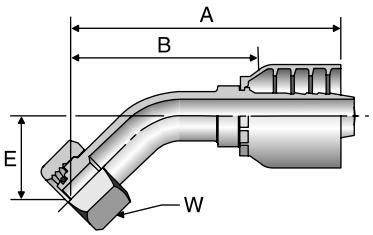



| # Part Number | Thread mm | | Hose I.D. inch | A inch | A mm | C inch | C mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 1CA70-12-6 | 12 | M18x1,5 | 3/8 | 2.09 | 53 | 0.04 | 1 | 22 | 0.94 | 24 |
| 1CA70-15-8 | 15 | M22x1,5 | 1/2 | 2.09 | 62 | 0.07 | 2 | 22 | 0.94 | 27 |
| 1CA70-18-10 | 18 | M26x1,5 | 5/8 | 2.44 | 62 | 0.02 | 0.5 | 32 | 1.02 | 26 |

## 1CE70

**Female Metric L - Swivel - 45° Elbow - (24° Cone with O-Ring)**

ISO 12151-2 - SWE45




| # Part Number | Thread mm | | Hose I.D. inch | A inch | A mm | E inch | E mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 1CE70-18-10 | 18 | M26x1,5 | 5/8 | 3.58 | 91 | 0.98 | 25 | 32 | 2.05 | 52 |



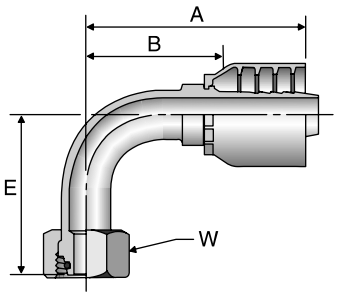
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## 1CF70

**Female Metric L - Swivel - 90° Elbow - (24° Cone with O-Ring)**

ISO 12151-2 - SWE

| # Part Number | Thread mm | | Hose I.D. inch | A inch | A mm | E inch | E mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 1CF70-15-8 | 15 | M22x1,5 | 1/2 | 2.91 | 74 | 1.77 | 45 | 27 | 1.54 | 39 |
| 1CF70-18-10 | 18 | M26x1,5 | 5/8 | 3.11 | 79 | 1.93 | 49 | 32 | 1.65 | 42 |

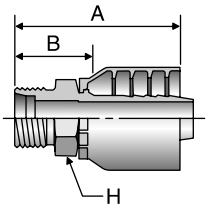



## 1D270

**Male Metric S - Rigid - (24° Cone )**

ISO 12151-2

| # Part Number | Thread mm | | Hose I.D. inch | A inch | A mm | H mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|
| 1D270-16-8 | 16 | M24x1,5 | 1/2 | 2.44 | 62 | 24 | 1.10 | 28 |
| 1D270-20-10 | 20 | M30x2 | 5/8 | 2.95 | 75 | 30 | 1.26 | 32 |

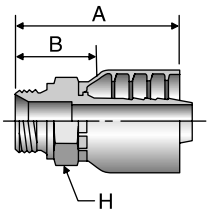



## 1D970

**Male BSP Parellel Pipe - Rigid - (60° Cone)**

ISO 228-1

| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | H mm | B inch | B mm |
|---|---|---|---|---|---|---|---|
| 1D970-8-8 | 1/2x14 | 1/2 | 2.44 | 62 | 27 | 1.10 | 28 |








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A

B

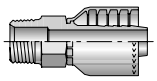
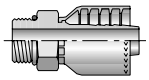
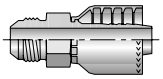
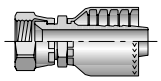
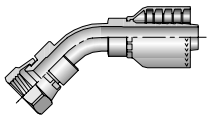
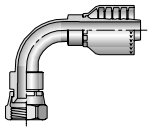
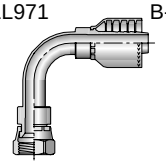
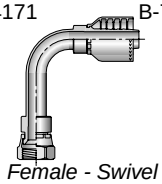
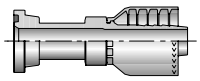
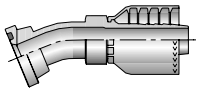
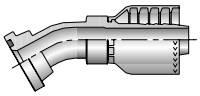
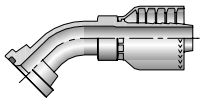
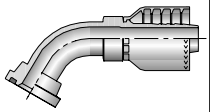
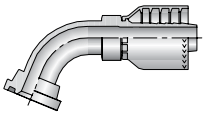
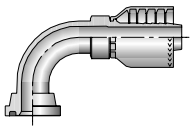
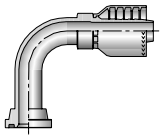
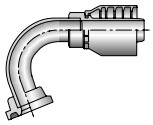
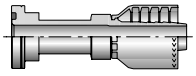
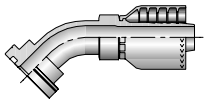
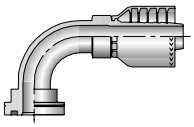
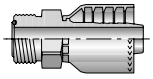
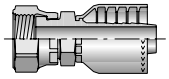
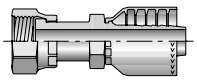
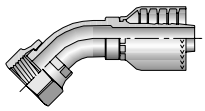
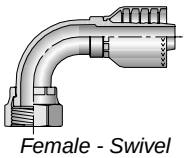
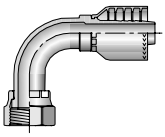
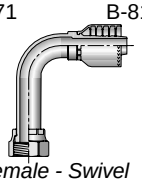
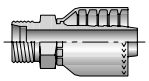
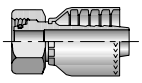
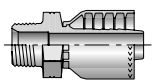
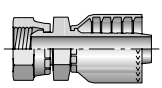
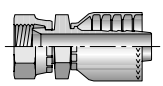
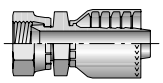
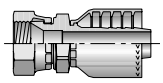
C

D

E



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| | | | | | |
|---|---|---|---|---|---|
| **NPTF Pipe** | 10171 B-72<br>  <br>*Male - Rigid* | **SAE** | 10571 B-72<br>  <br>*Male - Rigid* | **JIC** | 10371 B-72<br>  <br>*Male - Rigid* |
| 10671 B-73<br>  <br>*Female - Swivel* | 13771 B-73<br>  <br>*Female - Swivel 45˚ Elbow - Short* | 13971 B-74<br>  <br>*Female - Swivel 90˚ Elbow - Short* | 1L971 B-74<br>  <br>*Female - Swivel 90˚ Elbow - Medium* | 14171 B-74<br>  <br>*Female - Swivel 90˚ Elbow - Long* | **Code 61 Flange** |
| 11571 B-75<br>  <br>*Flange* | 11671 B-75<br>  <br>*22-1/2˚ Elbow* | 12671 B-76<br>  <br>*30˚ Elbow* | 11771 B-76<br>  <br>*45˚ Elbow* | 12771 B-76<br>  <br>*60˚ Elbow* | 11871 B-77<br>  <br>*67-1/2˚ Elbow* |
| 11971 B-77<br>  <br>*90˚ Elbow* | 18971 B-78<br>  <br>*90˚ Elbow-Long* | 12U71 B-78<br>  <br>*110˚ Elbow* | **Code 62 Flange** | 16A71 B-78<br>  <br>*Flange* | 16F71 B-78<br>  <br>*45˚ Elbow* |
| 16N71 B-79<br>  <br>*90˚ Elbow* | **Seal-Lok® (O-Ring Face Seal)** | 1J071 B-79<br>  <br>*Male - Rigid* | 1JC71 B-79<br>  <br>*Female - Swivel Short* | 1JS71 B-80<br>  <br>*Female - Swivel Long* | 1J771 B-80<br>  <br>*Female - Swivel 45˚ Elbow* |
| 1J971 B-81<br>  <br>*Female - Swivel 90˚ Elbow - Short* | 1J571 B-81<br>  <br>*Female - Swivel 90˚ Elbow - Medium* | 1J171 B-81<br>  <br>*Female - Swivel 90˚ Elbow - Long* | **Metric "S"** | 1D271 B-82<br>  <br>*Male - Rigid* | 1C971 B-82<br>  <br>*Female - Swivel* |
| **BSP** | 1UT71 B-82<br>  <br>*Male - Rigid* | 1GU71 B-82<br>  <br>*Female - Swivel* | 1FU71 B-83<br>  <br>*Female - Swivel* | **Metric** | 1MU71 B-83<br>  <br>*Female - Swivel* |
| 1XU71 B-83<br>  <br>*Female - Swivel* | | | | | |

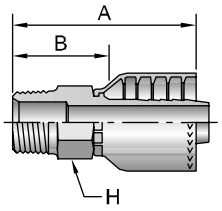




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## 10171

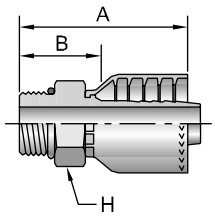
### Male NPTF Pipe - Rigid




| # Part Number | Thread inch | Hose I.D inch | A inch | A mm | H inch | B inch | B mm |
|---|---|---|---|---|---|---|---|
| 10171-6-6 | 3/8x18 | 3/8 | 2.36 | 60 | 3/4 | 1.47 | 37 |
| 10171-8-8 | 1/2x14 | 1/2 | 2.82 | 72 | 7/8 | 1.63 | 41 |
| 10171-12-8 | 3/4x14 | 1/2 | 2.67 | 68 | 1-1/16 | 1.47 | 37 |
| 10171-12-12 | 3/4x14 | 3/4 | 3.08 | 78 | 1-1/16 | 1.71 | 43 |
| 10171-16-12 | 1x11-1/2 | 3/4 | 3.08 | 78 | 1-3/8 | 1.72 | 44 |
| 10171-16-16 | 1x11-1/2 | 1 | 3.63 | 92 | 1-3/8 | 2.04 | 52 |
| 10171-20-16 | 1-1/4x11-1/2 | 1 | 3.49 | 89 | 1-11/16 | 1.90 | 48 |
| 10171-20-20 | 1-1/4x11-1/2 | 1-1/4 | 4.06 | 103 | 1-3/4 | 2.39 | 61 |
| 10171-24-20 | 1-1/2x11-1/2 | 1-1/4 | 3.77 | 96 | 2 | 2.10 | 53 |
| 10171-24-24 | 1-1/2x11-1/2 | 1-1/2 | 4.32 | 110 | 2 | 2.19 | 56 |
| 10171-32-32 | 2x11-1/2 | 2 | 4.72 | 118 | 2-1/2 | 2.52 | 64 |

## 10571

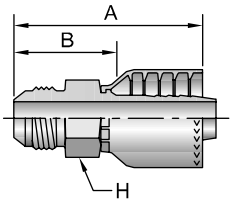
### Male SAE Straight Thread with O-Ring - Rigid




| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | H inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|
| 10571-8-8 | 1/2 | 3/4x16 | 1/2 | 2.44 | 62 | 7/8 | 1.25 | 32 |
| 10571-12-12 | 3/4 | 1-1/16x12 | 3/4 | 2.79 | 71 | 1-1/4 | 1.43 | 36 |
| 10571-16-16 | 1 | 1-5/16x12 | 1 | 3.42 | 87 | 1-1/2 | 1.77 | 45 |
| 10571-20-20 | 1-1/4 | 1-5/8x12 | 1-1/4 | 3.67 | 93 | 1-7/8 | 2.00 | 51 |

## 10371

### Male JIC 37° - Rigid



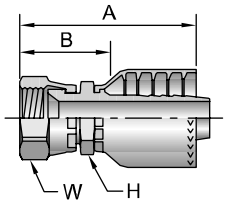

| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | H inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|
| 10371-6-6 | 3/8 | 9/16x18 | 3/8 | 2.44 | 62 | 3/4 | 1.55 | 39 |
| 10371-8-6 | 1/2 | 3/4x16 | 3/8 | 2.29 | 58 | 7/8 | 1.40 | 36 |
| 10371-8-8 | 1/2 | 3/4x16 | 1/2 | 2.66 | 68 | 7/8 | 1.41 | 36 |
| 10371-10-8 | 5/8 | 7/8x14 | 1/2 | 2.60 | 66 | 15/16 | 1.41 | 36 |
| 10371-10-10 | 5/8 | 7/8x14 | 5/8 | 2.93 | 74 | 15/16 | 1.69 | 43 |
| 10371-12-12 | 3/4 | 1-1/16x12 | 3/4 | 3.17 | 80 | 1-1/8 | 1.81 | 46 |
| 10371-14-12 | 7/8 | 1-3/16x12 | 3/4 | 3.09 | 78 | 1-1/4 | 1.73 | 44 |
| 10371-16-12 | 1 | 1-5/16x12 | 3/4 | 3.02 | 77 | 1-3/8 | 1.66 | 42 |
| 10371-16-16 | 1 | 1-5/16x12 | 1 | 3.68 | 93 | 1-3/8 | 2.03 | 52 |
| 10371-20-16 | 1-1/4 | 1-5/8x12 | 1 | 3.43 | 87 | 1-7/8 | 1.84 | 47 |
| 10371-20-20 | 1-1/4 | 1-5/8x12 | 1-1/4 | 3.94 | 100 | 1-7/8 | 2.27 | 58 |



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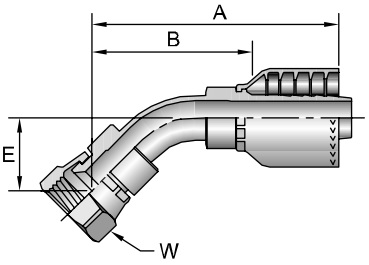
## 10671
### Female JIC 37° - Swivel

| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | H inch | W inch | B inch | B mm | Additional Material Stainless Steel (C) |
|---|---|---|---|---|---|---|---|---|---|---|
| 10671-6-6 | 3/8 | 9/16x18 | 3/8 | 2.28 | 58 | 11/16 | 11/16 | 1.39 | 35 | |
| 10671-8-6 | 1/2 | 3/4x16 | 3/8 | 2.47 | 63 | 11/16 | 7/8 | 1.58 | 40 | |
| 10671-8-8 | 1/2 | 3/4x16 | 1/2 | 2.61 | 66 | 13/16 | 7/8 | 1.41 | 36 | • |
| 10671-10-8 | 5/8 | 7/8x14 | 1/2 | 2.84 | 72 | 7/8 | 1 | 1.64 | 42 | |
| 10671-10-10 | 5/8 | 7/8x14 | 5/8 | 2.83 | 72 | 15/16 | 1 | 1.58 | 40 | |
| 10671-10-12 | 5/8 | 7/8x14 | 3/4 | 2.92 | 74 | 1-1/16 | 1 | 1.54 | 39 | |
| 10671-12-8 | 3/4 | 1-1/16x12 | 1/2 | 2.75 | 70 | 1-1/16 | 1-1/4 | 1.58 | 40 | |
| 10671-12-10 | 3/4 | 1-1/16x12 | 5/8 | 3.00 | 76 | 1-1/16 | 1-1/4 | 1.75 | 44 | |
| 10671-12-12 | 3/4 | 1-1/16x12 | 3/4 | 2.96 | 75 | 1-1/16 | 1-1/4 | 1.60 | 41 | • |
| 10671-12-16 | 3/4 | 1-1/16x12 | 1 | 3.37 | 86 | 1-3/8 | 1-1/4 | 1.67 | 42 | |
| 10671-14-12 | 7/8 | 1-3/16x12 | 3/4 | 3.01 | 76 | 1-1/4 | 1-3/8 | 1.61 | 41 | |
| 10671-16-12 | 1 | 1-5/16x12 | 3/4 | 3.28 | 83 | 1-1/4 | 1-1/2 | 1.92 | 49 | |
| 10671-16-16 | 1 | 1-5/16x12 | 1 | 3.60 | 91 | 1-3/8 | 1-1/2 | 2.01 | 51 | • |
| 10671-20-16 | 1-1/4 | 1-5/8x12 | 1 | 3.80 | 97 | 1-5/8 | 2 | 2.21 | 56 | |
| 10671-20-20 | 1-1/4 | 1-5/8x12 | 1-1/4 | 3.92 | 100 | 1-7/8 | 2 | 2.25 | 57 | • |
| 10671-24-20 | 1-1/2 | 1-7/8x12 | 1-1/4 | 4.10 | 104 | 2-1/8 | 2-1/4 | 2.43 | 62 | |
| 10671-24-24 | 1-1/2 | 1-7/8x12 | 1-1/2 | 4.69 | 119 | 2-1/8 | 2-1/4 | 2.50 | 64 | • |
| 10671-32-32 | 2 | 2-1/2x12 | 2 | 5.39 | 137 | 2-1/2 | 2-7/8 | 3.19 | 81 | |




## 13771
### Female JIC 37° - Swivel - 45° Elbow - Short Drop

| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 13771-6-6 | 3/8 | 9/16x18 | 3/8 | 2.34 | 59 | 0.43 | 11 | 11/16 | 1.44 | 37 |
| 13771-8-8 | 1/2 | 3/4x16 | 1/2 | 2.83 | 72 | 0.59 | 15 | 7/8 | 1.62 | 41 |
| 13771-10-8 | 5/8 | 7/8x14 | 1/2 | 2.93 | 74 | 0.63 | 16 | 1 | 1.72 | 44 |
| 13771-10-10 | 5/8 | 7/8x14 | 5/8 | 3.08 | 78 | 0.63 | 16 | 1 | 1.83 | 46 |
| 13771-12-12 | 3/4 | 1-1/16x12 | 3/4 | 3.64 | 92 | 0.83 | 21 | 1-1/4 | 2.26 | 57 |
| 13771-16-16 | 1 | 1-5/16x12 | 1 | 4.20 | 107 | 0.90 | 23 | 1-1/2 | 2.61 | 66 |
| 13771-20-20 | 1-1/4 | 1-5/8x12 | 1-1/4 | 5.22 | 133 | 1.69 | 43 | 2 | 3.53 | 90 |



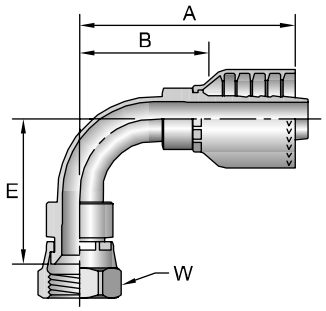

Stainless steel fittings must be assembled with Karrykrimp 2, PHastkrimp, Superkrimp or Parkrimp 2. See CrimpSource for more information.



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## 13971

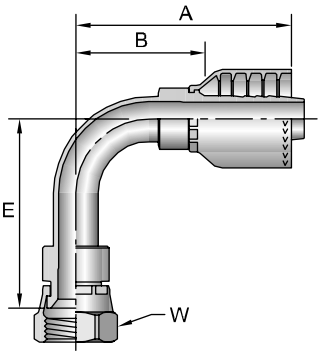
### Female JIC 37˚ - Swivel - 90˚ Elbow - Short Drop




| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 13971-6-6 | 3/8 | 9/16x18 | 3/8 | 2.21 | 56 | 0.91 | 23 | 11/16 | 1.31 | 33 |
| 13971-8-8 | 1/2 | 3/4x16 | 1/2 | 2.62 | 67 | 1.14 | 29 | 7/8 | 1.41 | 36 |
| 13971-10-8 | 5/8 | 7/8x14 | 1/2 | 2.74 | 70 | 1.26 | 32 | 1 | 1.53 | 39 |
| 13971-10-10 | 5/8 | 7/8x14 | 5/8 | 2.88 | 73 | 1.26 | 32 | 1 | 1.63 | 41 |
| 13971-12-10 | 3/4 | 1-1/16x12 | 5/8 | 2.98 | 76 | 1.89 | 48 | 1-1/4 | 1.73 | 44 |
| 13971-12-12 | 3/4 | 1-1/16x12 | 3/4 | 3.50 | 89 | 1.89 | 48 | 1-1/4 | 2.11 | 54 |
| 13971-16-16 | 1 | 1-5/16x12 | 1 | 4.36 | 111 | 2.20 | 56 | 1-1/2 | 2.58 | 66 |
| 13971-20-20 | 1-1/4 | 1-5/8x12 | 1-1/4 | 4.78 | 121 | 3.33 | 85 | 2 | 3.11 | 79 |
| 13971-24-24 | 1-1/2 | 1-7/8x12 | 1-1/2 | 6.33 | 161 | 3.98 | 101 | 2-1/4 | 4.14 | 105 |

## 1L971

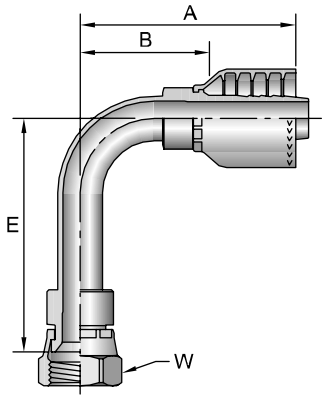
### Female JIC 37˚ - Swivel - 90˚ Elbow - Medium Drop




| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 1L971-10-8 | 5/8 | 7/8x14 | 1/2 | 3.24 | 82 | 1.75 | 44 | 1 | 2.04 | 52 |

## 14171

### Female JIC 37˚ - Swivel - 90˚ Elbow - Long Drop




| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 14171-6-6 | 3/8 | 9/16x18 | 3/8 | 2.34 | 59 | 2.13 | 54 | 11/16 | 1.44 | 37 |
| 14171-8-8 | 1/2 | 3/4x16 | 1/2 | 2.58 | 66 | 2.52 | 64 | 7/8 | 1.37 | 35 |
| 14171-12-12 | 3/4 | 1-1/16x14 | 3/4 | 3.49 | 89 | 3.78 | 96 | 1-1/4 | 2.11 | 54 |
| 14171-16-16 | 1 | 1-5/16x12 | 1 | 4.36 | 111 | 4.32 | 110 | 1-1/2 | 2.58 | 66 |



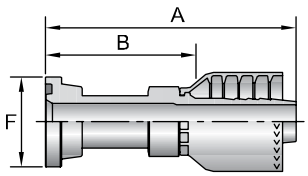
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Wickliffe, Ohio
www.parkerhose.com

# 11571

## SAE Code 61 Flange Head

ISO 12151-3 - S - L

| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|
| 11571-8-8 | 1/2 | 1/2 | 3.48 | 88 | 1-3/16 | 2.27 | 58 |
| 11571-10-10 | 5/8 | 5/8 | 3.69 | 93,7 | 1-11/32 | 2.44 | 62,0 |
| 11571-12-8 | 3/4 | 1/2 | 2.46 | 62,5 | 1-1/2 | 1.26 | 32,0 |
| 11571-12-12 | 3/4 | 3/4 | 3.86 | 98 | 1-1/2 | 2.48 | 63 |
| 11571-16-12 | 1 | 3/4 | 2.74 | 70 | 1-3/4 | 1.36 | 35 |
| 11571-16-16 | 1 | 1 | 4.32 | 110 | 1-3/4 | 2.55 | 65 |
| 11571-20-12 | 1-1/4 | 3/4 | 3.90 | 99 | 2 | 2.54 | 65 |
| 11571-20-16 | 1-1/4 | 1 | 3.27 | 83 | 2 | 1.58 | 40 |
| 11571-20-20 | 1-1/4 | 1-1/4 | 4.70 | 119 | 2 | 3.01 | 76 |
| 11571-20-24 | 1-1/4 | 1-1/2 | 5.41 | 137 | 2 | 3.22 | 82 |
| 11571-24-16 | 1-1/2 | 1 | 3.41 | 86,6 | 2-3/8 | 1.63 | 41,4 |
| 11571-24-20 | 1-1/2 | 1-1/4 | 3.48 | 104 | 2-3/8 | 1.36 | 61 |
| 11571-24-24 | 1-1/2 | 1-1/2 | 5.46 | 139 | 2-3/8 | 3.27 | 83 |
| 11571-24-32 | 1-1/2 | 2 | 5.65 | 144 | 2-3/8 | 3.45 | 88 |
| 11571-32-20 | 2 | 1-1/4 | 4.29 | 109,0 | 2-13/16 | 2.60 | 66,0 |
| 11571-32-24 | 2 | 1-1/2 | 4.01 | 102 | 2-13/16 | 1.82 | 46 |
| 11571-32-32 | 2 | 2 | 5.65 | 144 | 2-13/16 | 3.45 | 88 |
| 11571-40-32 | 2-1/2 | 2 | 4.51 | 115 | 3-5/16 | 2.31 | 59 |

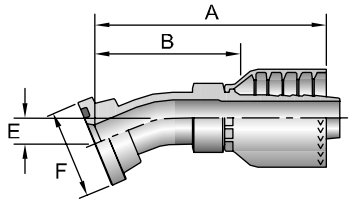



# 11671

## SAE Code 61 Flange Head - 22-1/2˚ Elbow

ISO 12151-3 - E22M - L

| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 11671-12-12 | 3/4 | 3/4 | 3.90 | 99 | 0.44 | 11 | 1-1/2 | 2.54 | 65 |
| 11671-16-12 | 1 | 3/4 | 3.89 | 99 | 0.44 | 11 | 1-3/4 | 2.53 | 64 |
| 11671-16-16 | 1 | 1 | 4.26 | 108 | 0.44 | 11 | 1-3/4 | 2.67 | 68 |
| 11671-20-16 | 1-1/4 | 1 | 4.36 | 111 | 0.47 | 12 | 2 | 2.77 | 70 |
| 11671-20-20 | 1-1/4 | 1-1/4 | 4.67 | 119 | 0.50 | 13 | 2 | 3.00 | 76 |
| 11671-24-20 | 1-1/2 | 1-1/4 | 4.68 | 119 | 0.53 | 13 | 2-3/8 | 3.01 | 76 |
| 11671-24-24 | 1-1/2 | 1-1/2 | 5.88 | 149 | 0.63 | 16 | 2-3/8 | 3.69 | 94 |
| 11671-32-32 | 2 | 2 | 7.37 | 187 | 0.88 | 22 | 2-13/16 | 5.22 | 133 |




A
B
C
D
E

See Accessories Section for O-Rings and Flange Kits.

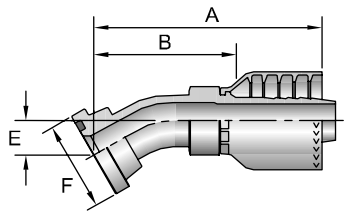


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## 12671

### SAE Code 61 Flange Head - 30˚ Elbow

ISO 12151-3 - E30S - L (1 Piece: ISO 12151-3 - E30M - L)

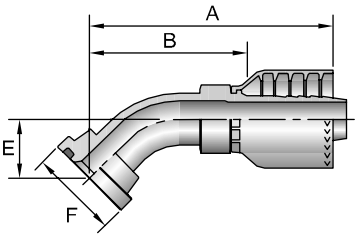



| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 12671-12-12 | 3/4 | 3/4 | 3.90 | 99 | 0.59 | 15 | 1-1/2 | 2.52 | 64 |
| 12671-16-16 | 1 | 1 | 4.46 | 113 | 0.62 | 16 | 1-3/4 | 2.68 | 68 |
| 12671-20-16 | 1-1/4 | 1 | 4.46 | 113 | 0.62 | 16 | 2 | 2.68 | 68 |
| 12671-20-20 | 1-1/4 | 1-1/4 | 4.87 | 124 | 0.72 | 18 | 2 | 3.18 | 81 |
| 12671-24-24 | 1-1/2 | 1-1/2 | 6.01 | 153 | 0.88 | 22 | 2-3/8 | 3.82 | 97 |
| 12671-32-24 | 2 | 1-1/2 | 6.01 | 153 | 0.88 | 22 | 2-13/16 | 3.82 | 97 |
| 12671-32-32 | 2 | 2 | 7.60 | 193 | 1.25 | 32 | 2-13/16 | 5.40 | 137 |

## 11771

### SAE Code 61 Flange Head - 45˚ Elbow

ISO 12151-3 - E45S - L (1 Piece: ISO 12151-3 - E45M - L)

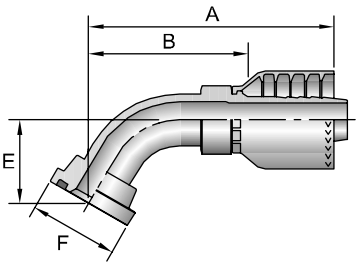



| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 11771-10-10 | 5/8 | 5/8 | 4.54 | 115 | 0.94 | 24 | 1-11/32 | 3.29 | 84 |
| 11771-12-8 | 3/4 | 1/2 | 3.27 | 83 | 0.84 | 21 | 1-1/2 | 2.07 | 53 |
| 11771-12-10 | 3/4 | 5/8 | 3.94 | 100 | 0.76 | 19 | 1-1/2 | 2.70 | 69 |
| 11771-12-12 | 3/4 | 3/4 | 3.85 | 98 | 1.02 | 26 | 1-1/2 | 2.47 | 63 |
| 11771-16-12 | 1 | 3/4 | 3.85 | 98 | 1.02 | 26 | 1-3/4 | 2.47 | 63 |
| 11771-16-16 | 1 | 1 | 4.84 | 123 | 1.26 | 32 | 1-3/4 | 3.06 | 78 |
| 11771-20-16 | 1-1/4 | 1 | 4.84 | 123 | 1.02 | 26 | 2 | 3.06 | 78 |
| 11771-20-20 | 1-1/4 | 1-1/4 | 5.61 | 142 | 1.50 | 38 | 2 | 3.92 | 100 |
| 11771-20-24 | 1-1/4 | 1-1/2 | 6.22 | 158 | 1.12 | 28 | 2 | 4.03 | 102 |
| 11771-24-20 | 1-1/2 | 1-1/4 | 5.55 | 141 | 1.50 | 38 | 2-3/8 | 3.86 | 98 |
| 11771-24-24 | 1-1/2 | 1-1/2 | 6.22 | 158 | 1.41 | 36 | 2-3/8 | 4.03 | 102 |
| 11771-32-24 | 2 | 1-1/2 | 6.19 | 157 | 1.41 | 36 | 2-13/16 | 4.00 | 102 |
| 11771-32-32 | 2 | 2 | 7.94 | 202 | 2.03 | 52 | 2-13/16 | 5.74 | 146 |
| 11771-40-32 | 2-1/2 | 2 | 7.83 | 199 | 2.03 | 52 | 3-5/16 | 5.62 | 143 |

## 12771

### SAE Code 61 Flange Head - 60˚ Elbow

ISO 12151-3 - E60S - L (1 Piece: ISO 12151-3 - E60M - L)




| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 12771-12-12 | 3/4 | 3/4 | 4.16 | 106 | 1.43 | 36 | 1-1/2 | 2.78 | 71 |
| 12771-16-12 | 1 | 3/4 | 4.15 | 105 | 1.39 | 35 | 1-3/4 | 2.77 | 70 |
| 12771-16-16 | 1 | 1 | 4.74 | 120 | 1.49 | 38 | 1-3/4 | 3.36 | 85 |
| 12771-20-20 | 1-1/4 | 1-1/4 | 5.10 | 130 | 1.69 | 43 | 2 | 3.41 | 87 |
| 12771-24-20 | 1-1/2 | 1-1/4 | 5.12 | 130 | 1.70 | 43 | 2-3/8 | 3.43 | 87 |
| 12771-24-24 | 1-1/2 | 1-1/2 | 6.25 | 159 | 2.03 | 52 | 2-3/8 | 4.06 | 103 |
| 12771-32-32 | 2 | 2 | 7.93 | 201 | 2.88 | 73 | 2-13/16 | 5.73 | 146 |

See Accessories Section for O-Rings and Flange Kits.



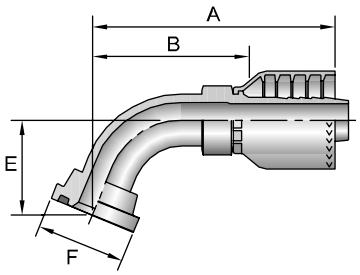
**Hose Products Division**
Parker Hannifin Corporation
Wickliffe, Ohio
www.parkerhose.com

# 11871

## SAE Code 61 Flange Head - 67-1/2˚ Elbow

ISO 12151-3 - E67S - L (1 Piece: ISO 12151-3 - E67M - L)

| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 11871-12-12 | 3/4 | 3/4 | 4.12 | 105 | 1.62 | 41 | 1-1/2 | 2.74 | 70 |
| 11871-16-12 | 1 | 3/4 | 4.11 | 104 | 1.59 | 40 | 1-3/4 | 2.73 | 69 |
| 11871-16-16 | 1 | 1 | 4.76 | 121 | 1.75 | 44 | 1-3/4 | 2.98 | 76 |
| 11871-20-20 | 1-1/4 | 1-1/4 | 5.08 | 129 | 1.94 | 49 | 2 | 3.39 | 86 |
| 11871-24-20 | 1-1/2 | 1-1/4 | 5.07 | 129 | 1.95 | 50 | 2-3/8 | 3.38 | 86 |
| 11871-24-24 | 1-1/2 | 1-1/2 | 6.20 | 157 | 2.31 | 59 | 2-3/8 | 4.01 | 102 |
| 11871-32-24 | 2 | 1-1/2 | 6.20 | 157 | 2.31 | 59 | 2-13/16 | 4.01 | 102 |
| 11871-32-32 | 2 | 2 | 7.89 | 200 | 3.31 | 84 | 2-13/16 | 5.69 | 145 |

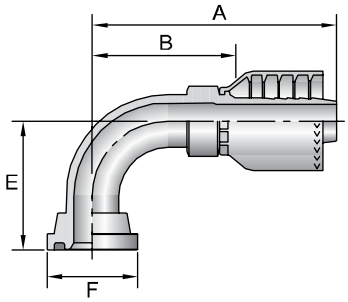



# 11971

## SAE Code 61 Flange Head - 90˚ Elbow

ISO 12151-3 - E90S - L (1 Piece: ISO 12151-3 - E90M - L)

| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 11971-8-8 | 1/2 | 1/2 | 2.93 | 74 | 1.6 | 41 | 1-3/16 | 1.72 | 44 |
| 11971-10-10 | 5/8 | 5/8 | 3.62 | 92 | 2.10 | 53 | 1-11/32 | 2.37 | 60 |
| 11971-12-8 | 3/4 | 1/2 | 2.93 | 74 | 1.66 | 42 | 1-1/2 | 1.72 | 44 |
| 11971-12-10 | 3/4 | 5/8 | 3.62 | 92 | 2.10 | 53 | 1-1/2 | 2.37 | 60 |
| 11971-12-12 | 3/4 | 3/4 | 3.48 | 88 | 2.28 | 58 | 1-1/2 | 2.10 | 53 |
| 11971-16-12 | 1 | 3/4 | 3.52 | 89 | 2.28 | 58 | 1-3/4 | 2.14 | 54 |
| 11971-16-16 | 1 | 1 | 4.36 | 111 | 2.76 | 70 | 1-3/4 | 2.58 | 66 |
| 11971-16-20 | 1 | 1-1/4 | 4.53 | 115 | 2.39 | 61 | 1-3/4 | 2.75 | 70 |
| 11971-20-12 | 1-1/4 | 3/4 | 3.81 | 97 | 2.13 | 54 | 2 | 2.45 | 62 |
| 11971-20-16 | 1-1/4 | 1 | 4.33 | 110 | 2.76 | 70 | 2 | 2.55 | 65 |
| 11971-20-20 | 1-1/4 | 1-1/4 | 5.12 | 130 | 3.54 | 90 | 2 | 3.43 | 87 |
| 11971-20-24 | 1-1/4 | 1-1/2 | 6.33 | 161 | 3.00 | 76 | 2 | 4.14 | 105 |
| 11971-24-16 | 1-1/2 | 1 | 4.53 | 115 | 2.39 | 61 | 2-3/8 | 2.75 | 70 |
| 11971-24-20 | 1-1/2 | 1-1/4 | 5.09 | 129 | 3.54 | 90 | 2-3/8 | 3.40 | 86 |
| 11971-24-24 | 1-1/2 | 1-1/2 | 6.34 | 161 | 4.09 | 104 | 2-3/8 | 4.15 | 105 |
| 11971-32-24 | 2 | 1-1/2 | 6.98 | 148 | 4.09 | 79 | 2-13/16 | 4.36 | 93 |
| 11971-32-32 | 2 | 2 | 7.75 | 197 | 5.43 | 138 | 2-13/16 | 5.55 | 141 |
| 11971-40-32 | 2-1/2 | 2 | 7.43 | 189 | 4.5 | 114 | 3-5/16 | 5.23 | 133 |

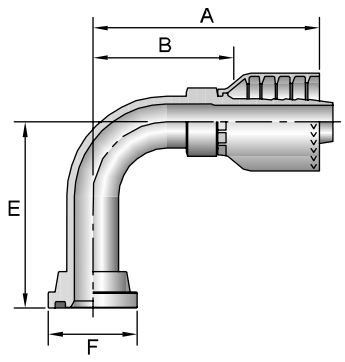



A
B
C
D
E

See Accessories Section for O-Rings and Flange Kits.



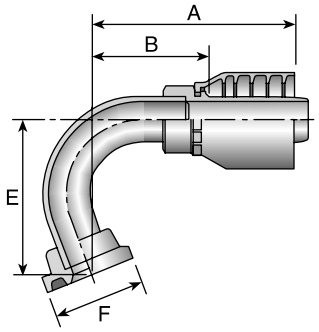
**Hose Products Division**
Parker Hannifin Corporation
Wickliffe, Ohio
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## 18971

### SAE Code 61 Flange Head - 90˚ Elbow - Long Drop

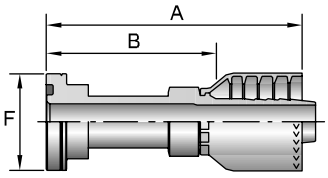
| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 18971-12-12 | 3/4 | 3/4 | 3.49 | 89 | 3.03 | 77 | 1-1/2 | 2.11 | 54 |
| 18971-16-16 | 1 | 1 | 4.52 | 115 | 4.60 | 117 | 1-3/4 | 2.74 | 70 |
| 18971-20-16 | 1-1/4 | 1 | 4.53 | 115 | 4.60 | 117 | 2 | 2.75 | 70 |




## 12U71

### SAE Code 61 Flange Head - 110˚ Elbow

| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 12U71-16-16 | 1 | 1 | 4.49 | 114 | 3.69 | 94 | 1-3/4 | 2.71 | 69 |

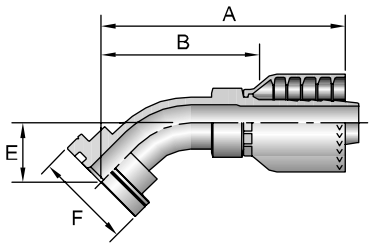



## 16A71

### SAE Code 62 Flange Head

ISO 12151-3 - S - S

| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|
| 16A71-12-12 | 3/4 | 3/4 | 4.31 | 109 | 1-5/8 | 2.93 | 74 |
| 16A71-16-12 | 1 | 3/4 | 3.10 | 78,7 | 1-7/8 | 1.72 | 43,7 |
| 16A71-16-16 | 1 | 1 | 4.89 | 124 | 1-7/8 | 3.11 | 79 |
| 16A71-20-16 | 1-1/4 | 1 | 3.69 | 93,7 | 2-1/8 | 1.91 | 48,5 |
| 16A71-20-20 | 1-1/4 | 1-1/4 | 5.01 | 127,3 | 2-1/8 | 3.32 | 84,3 |
| 16A71-24-24 | 1-1/2 | 1-1/2 | 6.34 | 161,0 | 2-1/2 | 4.15 | 105,4 |
| 16A71-32-32 | 2 | 2 | 7.16 | 182 | 3-1/8 | 4.96 | 126 |




## 16F71

### SAE Code 62 Flange Head - 45˚ Elbow

ISO 12151-3 - E45S - L (1 Piece: ISO 12151-3 - E45M - S)

| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 16F71-12-12 | 3/4 | 3/4 | 3.82 | 97 | 1.03 | 26 | 1-5/8 | 2.44 | 62 |
| 16F71-16-16 | 1 | 1 | 4.74 | 120,3 | 1.26 | 32 | 1-7/8 | 2.96 | 75,2 |
| 16F71-20-16 | 1-1/4 | 1 | 4.61 | 117 | 1.06 | 27 | 2-1/8 | 3.02 | 77 |
| 16F71-20-20 | 1-1/4 | 1-1/4 | 5.07 | 129 | 1.19 | 30 | 2-1/8 | 3.38 | 86 |
| 16F71-24-24 | 1-1/2 | 1-1/2 | 6.21 | 158 | 1.44 | 37 | 2-1/2 | 4.02 | 102 |
| 16F71-32-32 | 2 | 2 | 7.87 | 200 | 2.05 | 52 | 3-1/8 | 5.67 | 144 |

See Accessories Section for O-Rings and Flange Kits.



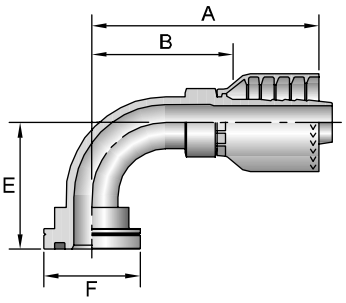
**Hose Products Division**
Parker Hannifin Corporation
Wickliffe, Ohio
www.parkerhose.com

# 16N71

## SAE Code 62 Flange Head - 90° Elbow

ISO 12151-3 - E90S - L (1 Piece: ISO 12151-3 - E90M - S)

| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 16N71-12-12 | 3/4 | 3/4 | 3.51 | 89 | 2.28 | 58 | 1-5/8 | 2.13 | 54 |
| 16N71-16-12 | 1 | 3/4 | 3.49 | 89 | 2.29 | 58 | 1-7/8 | 2.11 | 54 |
| 16N71-16-16 | 1 | 1 | 4.36 | 111 | 2.76 | 70 | 1-7/8 | 2.58 | 66 |
| 16N71-20-16 | 1-1/4 | 1 | 4.36 | 111 | 2.76 | 70 | 2-1/8 | 2.58 | 66 |
| 16N71-20-20 | 1-1/4 | 1-1/4 | 5.09 | 129 | 3.54 | 90 | 2-1/8 | 3.40 | 86 |
| 16N71-24-24 | 1-1/2 | 1-1/2 | 5.85 | 149 | 3.12 | 79 | 2-1/2 | 3.66 | 93 |
| 16N71-32-32 | 2 | 2 | 7.73 | 196 | 4.50 | 114 | 3-1/8 | 5.53 | 140 |



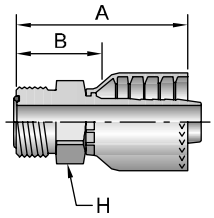

⚠ Refer to Pressure Rating of Hose End Connections chart on page E-43.

# 1J071

## Male Seal-Lok® - Rigid - (with O-Ring)

ISO 12151-1 - S

| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | H inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|
| 1J071-8-8 | 1/2 | 13/16x16 | 1/2 | 2.40 | 61 | 7/8 | 1.20 | 30 |
| 1J071-10-8 | 5/8 | 1x14 | 1/2 | 2.61 | 66 | 1-1/16 | 1.41 | 36 |
| 1J071-10-10 | 5/8 | 1x14 | 5/8 | 2.69 | 68 | 1-1/16 | 1.44 | 37 |
| 1J071-12-10 | 3/4 | 1-3/16x12 | 5/8 | 2.79 | 71 | 1-1/4 | 1.55 | 39 |
| 1J071-12-12 | 3/4 | 1-3/16x12 | 3/4 | 2.87 | 73 | 1-1/4 | 1.51 | 38 |
| 1J071-16-12 | 1 | 1-7/16x12 | 3/4 | 2.91 | 74 | 1-1/2 | 1.53 | 39 |
| 1J071-16-16 | 1 | 1-7/16x12 | 1 | 3.27 | 83 | 1-1/2 | 1.68 | 43 |
| 1J071-20-20 | 1-1/4 | 1-11/16x12 | 1-1/4 | 3.31 | 84 | 1-3/4 | 1.64 | 42 |
| 1J071-24-24 | 1-1/2 | 2x12 | 1-1/2 | 4.02 | 102 | 2-1/8 | 1.83 | 46 |



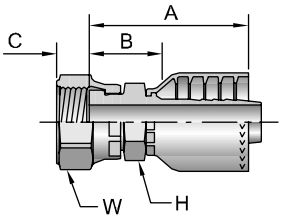

# 1JC71

## Female Seal-Lok® - Swivel - Short

ISO 12151-1 - SWSA

| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | C inch | C mm | H inch | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1JC71-8-8 | 1/2 | 13/16x16 | 1/2 | 2.22 | 56 | 0.43 | 11 | 13/16 | 15/16 | 1.01 | 26 |
| 1JC71-10-10 | 5/8 | 1x14 | 5/8 | 2.40 | 61 | 0.48 | 12 | 15/16 | 1-1/8 | 1.15 | 29 |
| 1JC71-12-12 | 3/4 | 1-3/16x12 | 3/4 | 2.68 | 68 | 0.55 | 14 | 1-1/8 | 1-3/8 | 1.30 | 33 |
| 1JC71-16-16 | 1 | 1-7/16x12 | 1 | 3.22 | 82 | 0.56 | 14 | 1-3/8 | 1-5/8 | 1.44 | 37 |
| 1JC71-20-16 | 1-1/4 | 1-11/16-12 | 1 | 3.16 | 80 | 0.59 | 15 | 1-5/8 | 1-7/8 | 1.38 | 35 |

When measuring overall length to end of nut, B+C dimensions must be used to calculate cut-off allowance.




See Accessories Section for O-Rings and Flange Kits.



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A

B

C

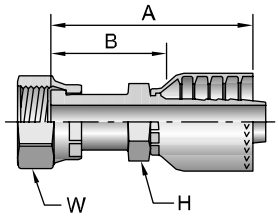
D

E

# 1JS71

## Female Seal-Lok® - Swivel - Long

ISO 12151-1 - SWSB

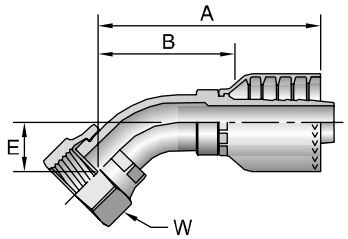



| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | H inch | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 1JS71-6-6 | 3/8 | 11/16x16 | 3/8 | 2.80 | 58 | 11/16 | 13/16 | 1.38 | 35 |
| 1JS71-6-8 | 3/8 | 11/16x16 | 1/2 | 2.50 | 64 | 13/16 | 13/16 | 1.29 | 33 |
| 1JS71-8-8 | 1/2 | 13/16x16 | 1/2 | 2.64 | 67 | 13/16 | 15/16 | 1.44 | 37 |
| 1JS71-10-8 | 5/8 | 1x14 | 1/2 | 2.89 | 23 | 13/16 | 1-1/8 | 1.69 | 43 |
| 1JS71-10-10 | 5/8 | 1x14 | 5/8 | 3.00 | 76 | 15/16 | 1-1/8 | 1.75 | 44 |
| 1JS71-10-12 | 5/8 | 1x14 | 3/4 | 3.08 | 78 | 1-1/16 | 1-1/8 | 1.70 | 43 |
| 1JS71-12-10 | 3/4 | 1-3/16x12 | 5/8 | 3.10 | 79 | 1-1/8 | 1-3/8 | 1.85 | 47 |
| 1JS71-12-12 | 3/4 | 1-3/16x12 | 3/4 | 3.31 | 84 | 1-1/16 | 1-3/8 | 1.93 | 49 |
| 1JS71-16-12 | 1 | 1-7/16x12 | 3/4 | 3.37 | 86 | 1-5/16 | 1-5/8 | 1.99 | 51 |
| 1JS71-16-16 | 1 | 1-7/16x12 | 1 | 3.70 | 94 | 1-5/16 | 1-5/8 | 1.92 | 49 |
| 1JS71-20-16 | 1-1/4 | 1-11/16x12 | 1 | 3.64 | 92 | 1-3/4 | 1-7/8 | 1.94 | 49 |
| 1JS71-20-20 | 1-1/4 | 1-11/16x12 | 1-1/4 | 3.77 | 96 | 1-3/4 | 1-7/8 | 2.08 | 53 |
| 1JS71-24-24 | 1-1/2 | 2x12 | 1-1/2 | 4.51 | 114,6 | 2 | 2-1/4 | 2.32 | 58,9 |

# 1J771

## Female Seal-Lok® - Swivel - 45˚ Elbow

ISO 12151-1 - SWE45




| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 1J771-6-6 | 3/8 | 11/16x16 | 3/8 | 2.34 | 59 | 0.43 | 11 | 13/16 | 1.44 | 37 |
| 1J771-8-8 | 1/2 | 13/16x16 | 1/2 | 2.83 | 72 | 0.59 | 15 | 15/16 | 1.62 | 41 |
| 1J771-10-8 | 5/8 | 1x14 | 1/2 | 2.93 | 74 | 0.63 | 16 | 1-1/8 | 1.72 | 44 |
| 1J771-10-10 | 5/8 | 1x14 | 5/8 | 3.08 | 78 | 0.63 | 16 | 1-1/8 | 1.83 | 46 |
| 1J771-12-12 | 3/4 | 1-3/16x12 | 3/4 | 3.63 | 92 | 0.83 | 21 | 1-3/8 | 2.25 | 57 |
| 1J771-16-16 | 1 | 1-7/16x12 | 1 | 4.46 | 113 | 0.94 | 24 | 1-5/8 | 2.68 | 68 |
| 1J771-20-20 | 1-1/4 | 1-11/16x12 | 1-1/4 | 4.75 | 121 | 1.00 | 25 | 1-7/8 | 3.08 | 78 |
| 1J771-24-24 | 1-1/2 | 2x12 | 1-1/2 | 5.43 | 138 | 1.07 | 27 | 2-1/4 | 3.23 | 82 |

See Accessories Section for O-Rings.



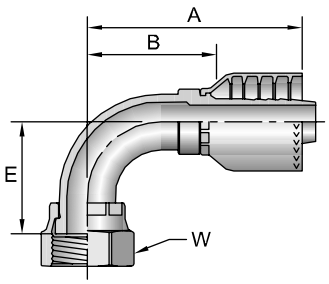
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Wickliffe, Ohio
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# 1J971

## Female Seal-Lok® - Swivel - 90˚ Elbow - Short Drop

ISO 12151-1 - SWES90

| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 1J971-6-6 | 3/8 | 11/16x16 | 3/8 | 2.21 | 56 | 0.91 | 23 | 13/16 | 1.31 | 33 |
| 1J971-8-8 | 1/2 | 13/16x16 | 1/2 | 2.59 | 66 | 1.14 | 29 | 15/16 | 1.38 | 35 |
| 1J971-10-8 | 5/8 | 1x14 | 1/2 | 2.74 | 70 | 1.26 | 32 | 1-1/8 | 1.53 | 39 |
| 1J971-10-10 | 5/8 | 1x14 | 5/8 | 2.88 | 73 | 1.26 | 32 | 1-1/8 | 1.63 | 41 |
| 1J971-10-12 | 5/8 | 1x14 | 3/4 | 3.07 | 78 | 1.27 | 32 | 1-1/8 | 1.70 | 43 |
| 1J971-12-10 | 3/4 | 1-3/16x12 | 5/8 | 3.40 | 86 | 1.89 | 48 | 1-3/8 | 2.15 | 55 |
| 1J971-12-12 | 3/4 | 1-3/16x12 | 3/4 | 3.49 | 89 | 1.89 | 48 | 1-3/8 | 2.11 | 54 |
| 1J971-16-16 | 1 | 1-7/16x12 | 1 | 4.36 | 111 | 2.20 | 56 | 1-5/8 | 2.58 | 66 |
| 1J971-20-20 | 1-1/4 | 1-11/16x12 | 1-1/4 | 4.86 | 123 | 2.51 | 64 | 1-7/8 | 3.19 | 81 |
| 1J971-24-24 | 1-1/2 | 2x12 | 1-1/2 | 6.22 | 158 | 2.68 | 68 | 2-1/4 | 4.03 | 102 |

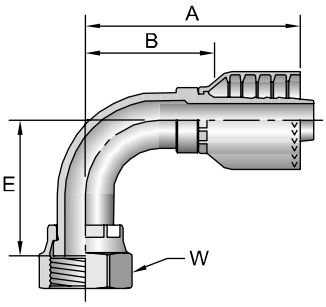



# 1J571

## Female Seal-Lok® - Swivel - 90˚ Elbow - Medium Drop

ISO 12151-1 - SWEM90

| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 1J571-8-8 | 1/2 | 13/16x16 | 1/2 | 2.59 | 66 | 1.61 | 41 | 15/16 | 1.38 | 35 |
| 1J571-10-10 | 5/8 | 1x14 | 5/8 | 2.88 | 73 | 1.85 | 47 | 1-1/8 | 1.63 | 41 |
| 1J571-12-12 | 3/4 | 1-3/16x12 | 3/4 | 3.49 | 89 | 2.28 | 58 | 1-3/8 | 2.11 | 54 |

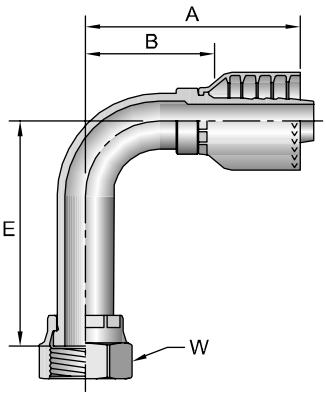



# 1J171

## Female Seal-Lok® - Swivel - 90˚ Elbow - Long Drop

ISO 12151-1 - SWEL90

| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 1J171-6-6 | 3/8 | 11/16x16 | 3/8 | 2.39 | 61 | 2.13 | 54 | 13/16 | 1.49 | 38 |
| 1J171-8-8 | 1/2 | 13/16x16 | 1/2 | 2.59 | 66 | 2.52 | 64 | 15/16 | 1.38 | 35 |
| 1J171-10-10 | 5/8 | 1x14 | 5/8 | 2.88 | 73 | 2.76 | 70 | 1-1/8 | 1.63 | 41 |
| 1J171-12-12 | 3/4 | 1-3/16x12 | 3/4 | 3.49 | 89 | 3.78 | 96 | 1-3/8 | 2.11 | 54 |
| 1J171-16-12 | 1 | 1-7/16x12 | 3/4 | 4.07 | 103 | 4.50 | 114 | 1-5/8 | 2.69 | 68 |
| 1J171-16-16 | 1 | 1-7/16x12 | 1 | 4.36 | 111 | 4.49 | 114 | 1-5/8 | 2.58 | 66 |
| 1J171-20-20 | 1-1/4 | 1-11/16x12 | 1-1/4 | 4.88 | 124 | 5.09 | 129 | 1-7/8 | 3.19 | 81 |
| 1J171-24-24 | 1-1/2 | 2x12 | 1-1/2 | 5.83 | 148 | 5.54 | 141 | 2-1/4 | 3.64 | 92 |






See Accessories Section for O-Rings.

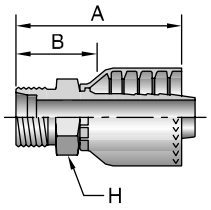


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## 1D271

### Male Metric S - Rigid - (24˚ Cone)

ISO 12151-2

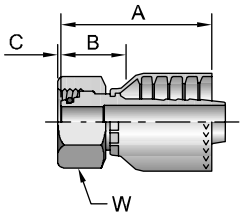



| # Part Number | Thread mm | | Hose I.D. inch | A inch | A mm | H mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|
| 1D271-25-12 | 25 | M36x2 | 3/4 | 2.90 | 74 | 36 | 1.52 | 39 |
| 1D271-30-16 | 30 | M42x2 | 1 | 3.45 | 88 | 46 | 1.67 | 42 |

## 1C971

### Female Metric S - Swivel - (24˚ Cone with O-Ring)

ISO 12151-2 - SWS - S

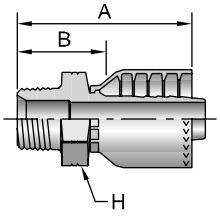



| # Part Number | Thread mm | | Hose I.D. inch | A inch | A mm | C inch | C mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 1C971-12-6 | 12 | M20x1,5 | 3/8 | 2.05 | 52 | 0.03 | 1 | 24 | 0.87 | 22 |
| 1C971-16-8 | 16 | M24x1,5 | 1/2 | 2.33 | 59 | 0.09 | 2 | 30 | 0.94 | 24 |
| 1C971-20-10 | 20 | M30x2 | 5/8 | 2.60 | 66 | 0.05 | 1 | 36 | 1.06 | 27 |
| 1C971-25-12 | 25 | M36x2 | 3/4 | 2.68 | 68 | 0.10 | 3 | 46 | 1.10 | 28 |
| 1C971-30-16 | 30 | M42x2 | 1 | 3.07 | 78 | 0.19 | 5 | 50 | 1.30 | 33 |
| 1C971-38-20 | 38 | M52x2 | 1-1/4 | 3.15 | 80 | 0.23 | 6 | 60 | 1.30 | 33 |

When measuring overall length to end of nut, B+C dimensions must be used to calculate cut-off allowance.

## 1UT71

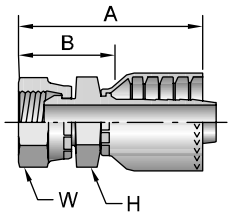
### Male BSP Taper Pipe - Rigid - (60˚ Cone)




| # Part Number | Hose I.D. inch | A inch | A mm | H mm | B inch | B mm |
|---|---|---|---|---|---|---|
| 1UT71-8-8 | 1/2 | 2.66 | 68 | 27 | 1.46 | 37 |
| 1UT71-12-12 | 3/4 | 2.95 | 75 | 36 | 1.59 | 40 |

## 1GU71

### Female BSP Parallel Pipe - Swivel - (60˚ Cone)




| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | H mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 1GU71-6-6 | 3/8 | 3/8x19 | 3/8 | 2.45 | 62 | 22 | 22 | 1.55 | 39 |
| 1GU71-8-8 | 1/2 | 1/2x14 | 1/2 | 2.81 | 71 | 27 | 27 | 1.61 | 41 |
| 1GU71-12-12 | 3/4 | 3/4x14 | 3/4 | 3.24 | 82 | 36 | 36 | 1.86 | 47 |
| 1GU71-16-16 | 1 | 1x11 | 1 | 3.82 | 97 | 41 | 41 | 2.04 | 52 |
| 1GU71-20-20 | 1-1/4 | 1-1/4x11 | 1-1/4 | 4.07 | 103 | 50 | 50 | 2.38 | 60 |
| 1GU71-24-24 | 1-1/2 | 1-1/2x11 | 1-1/2 | 4.81 | 122 | 60 | 60 | 2.62 | 67 |
| 1GU71-32-32 | 2 | 2x11 | 2 | 5.17 | 131 | 70 | 70 | 2.97 | 75 |

Metric S: Mates with EO “S” Series Fittings.
^^ Must be assembled with Die Part No. 83C-D20H in a Superkrimp or Parkrimp 2.
See Accessories Section for O-Rings and Flange Kits.

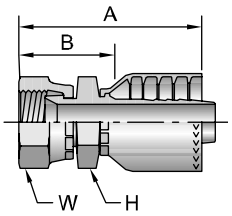


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# 1FU71

## Female BSP Parallel Pipe - Swivel - (30˚ Flare)

| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | H mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|
| 1FU71-6-6 | 3/8x19 | 3/8 | 2.39 | 61 | 24 | 22 | 1.50 | 38 |
| 1FU71-8-8 | 1/2x14 | 1/2 | 2.71 | 69 | 27 | 27 | 1.51 | 38 |
| 1FU71-12-12 | 3/4x14 | 3/4 | 3.10 | 79 | 36 | 36 | 1.74 | 44 |
| 1FU71-16-16 | 1x11 | 1 | 3.52 | 89 | 41 | 41 | 1.93 | 49 |
| 1FU71-20-20 | 1-1/4x11 | 1-1/4 | 3.87 | 98 | 50 | 50 | 2.20 | 56 |
| 1FU71-24-24 | 1-1/2x11 | 1-1/2 | 4.66 | 118 | 60 | 60 | 2.53 | 64 |

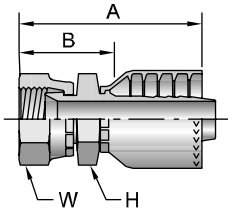



# 1MU71

## Female Metric - Swivel - (30˚ Flare)

| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | H mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|
| 1MU71-6-6 | M18x1,5 | 3/8 | 2.45 | 62 | 24 | 24 | 1.56 | 40 |
| 1MU71-8-8 | M22x1,5 | 1/2 | 2.83 | 72 | 27 | 27 | 1.45 | 37 |

Japanese Fittings - Female Swivel 30° Flare with Metric Threads. All 30° flared fitting sizes are available by combining 1MU71 fittings in sizes up to 1/2 with 1XU71 fittings in sizes 5/8 inch and larger.

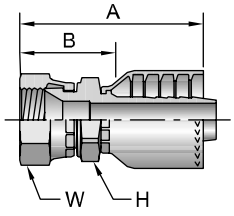



# 1XU71

## Female Metric - Swivel - (30˚ Flare)

| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | H mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|
| 1XU71-10-10 | M24x1,5 | 5/8 | 3.16 | 80 | 30 | 32 | 1.91 | 49 |
| 1XU71-12-12 | M30x1,5 | 3/4 | 3.40 | 86 | 32 | 36 | 2.02 | 51 |
| 1XU71-16-16 | M33x1,5 | 1 | 4.11 | 104 | 36 | 41 | 2.33 | 59 |
| 1XU71-20-20 | M36x1,5 | 1-1/2 | 4.19 | 106 | 46 | 46 | 2.50 | 64 |
| 1XU71-24-24 | M42x1,5 | 1-1/2 | 5.00 | 127 | 50 | 55 | 2.80 | 71 |

Japanese Fittings - Female Swivel 30° Flare with Metric Threads. All 30° flared fitting sizes are available by combining 1MU71 fittings in sizes up to 1/2 with 1XU71 fittings in sizes 5/8 inch and larger.

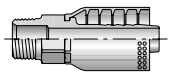
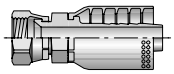
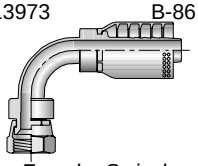
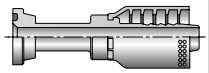
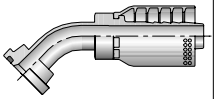
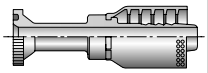
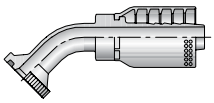
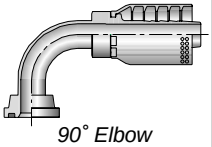
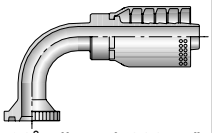
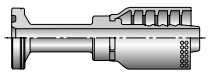
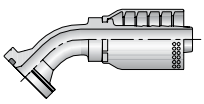
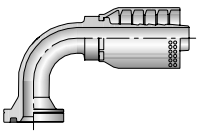
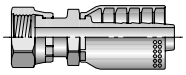
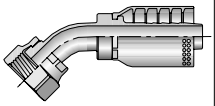
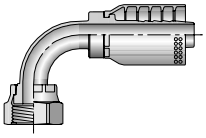
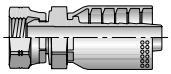
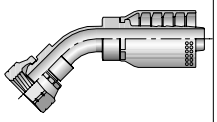
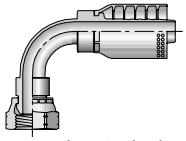
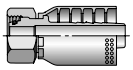
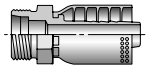
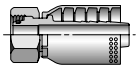
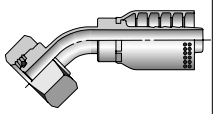
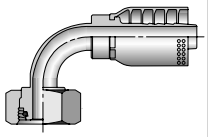
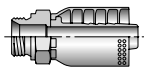
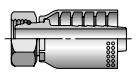
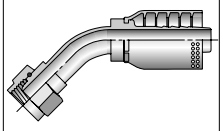
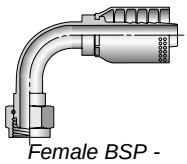







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| | | | | | |
|---|---|---|---|---|---|
| **NPTF Pipe** | 10173 B-86<br>  <br>*Male - Rigid* | **JIC 37°** | 10673 B-86<br>  <br>*Female - Swivel* | 13973 B-86<br>  <br>*Female- Swivel 90° Elbow - Short* | **Code 61 Flange** |
| 11573 B-86<br>  <br>*Flange* | 11773 B-87<br>  <br>*45° Elbow* | 14A73 B-87<br>  <br>*Flange (5000 psi)* | 14F73 B-87<br>  <br>*45° Elbow (5000 psi)* | 11973 B-87<br>  <br>*90° Elbow* | 14N73 B-88<br>  <br>*90° Elbow (5000 psi)* |
| **Code 62 Flange** | 16A73 B-88<br>  <br>*Flange* | 16F73 B-88<br>  <br>*45° Elbow* | 16N73 B-88<br>  <br>*90° Elbow* | **Seal-Lok® (O-Ring Face Seal)** | 1JS73 B-89<br>  <br>*Female - Swivel Long* |
| 1J773 B-89<br>  <br>*Female - Swivel 45° Elbow* | 1J973 B-89<br>  <br>*Female - Swivel 90° Elbow - Short* | **BSP 60° Cone** | 1GU73 B-90<br>  <br>*Female - Swivel* | 1G173 B-90<br>  <br>*Female - Swivel 45° Elbow* | 1G273 B-90<br>  <br>*Female - Swivel 90° Elbow* |
| **DIN "L" Series** | 1CA73 B-91<br>  <br>*Female Metric L - Swivel* | **DIN "S" Series** | 1D273 B-91<br>  <br>*Male Metric S - Rigid* | 1C973 B-91<br>  <br>*Female Metric S - Swivel* | 10C73 B-91<br>  <br>*Female Metric S - Swivel* |
| 11C73 B-92<br>  <br>*Female Metric S - Swivel* | **BSP 60° Cone** | 1D973 B-92<br>  <br>*Male BSP - Parallel Pipe - Rigid* | 19273 B-92<br>  <br>*Female BSP - Parallel Pipe - Swivel* | 1B173 B-93<br>  <br>*Female BSP - Parallel Pipe - Swivel* | 1B273 B-93<br>  <br>*Female BSP - Parallel Pipe - Swivel* |

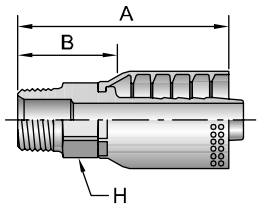




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## 10173

### Male NPTF Pipe - Rigid

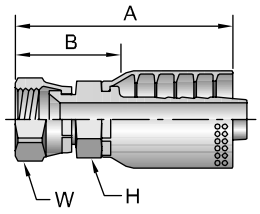



| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | H inch | B inch | B mm |
|---|---|---|---|---|---|---|---|
| 10173-12-12 | 3/4x14 | 3/4 | 3.56 | 90 | 1-1/8 | 1.75 | 44 |
| 10173-16-16 | 1x11-1/2 | 1 | 3.94 | 100 | 1-3/8 | 2.00 | 51 |
| 10173-20-20 | 1-1/4x11-1/2 | 1-1/4 | 4.92 | 125 | 1-3/4 | 2.43 | 62 |
| 10173-24-24 | 1-1/2x11-1/2 | 1-1/2 | 4.88 | 124 | 2 | 2.57 | 65 |
| 10173-32-32 | 2x11-1/2 | 2 | 5.57 | 141 | 2-1/2 | 2.87 | 73 |

Note: All sizes of 10173 fittings are rated at 5,000 psi working pressure.

## 10673

### Female JIC 37˚ - Swivel

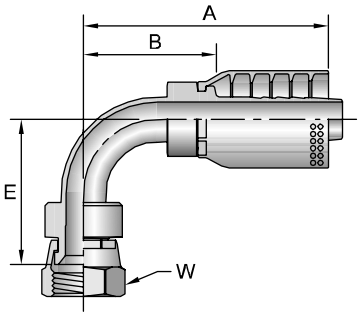



| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | H inch | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 10673-12-12 | 3/4 | 1-1/16x12 | 3/4 | 3.66 | 93 | 1-1/8 | 1-1/4 | 1.85 | 47 |
| 10673-16-12 | 1 | 1-5/16x12 | 3/4 | 3.90 | 99 | 1-3/8 | 1-1/2 | 2.09 | 53 |
| 10673-16-16 | 1 | 1-5/16x12 | 1 | 4.03 | 102 | 1-3/8 | 1-1/2 | 2.09 | 53 |
| 10673-20-20 | 1-1/4 | 1-5/8x12 | 1-1/4 | 4.93 | 125 | 1-3/4 | 2 | 2.44 | 62 |
| 10673-24-24 | 1-1/2 | 1-7/8x12 | 1-1/2 | 5.04 | 128 | 2 | 2-1/4 | 2.73 | 69 |
| 10673-32-32 | 2 | 2-1/2x12 | 2 | 5.91 | 150 | 2-1/2 | 2-7/8 | 3.21 | 82 |

Note: All sizes of 10673 fittings are rated at 5,000 psi working pressure.

## 13973

### Female JIC 37˚ - Swivel - 90˚ Elbow - Short Drop



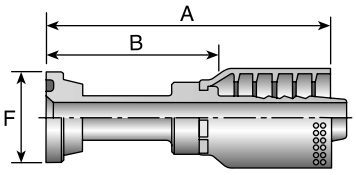

| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 13973-12-12 | 3/4 | 1-1/16x12 | 3/4 | 4.12 | 105 | 2.44 | 62 | 1-1/4 | 2.31 | 59 |
| 13973-16-16 | 1 | 1-5/16x12 | 1 | 4.71 | 120 | 2.93 | 74 | 1-1/2 | 2.77 | 70 |

Note: All sizes of 13973 fittings are rated at 5,000 psi working pressure.

## 11573

### SAE Code 61 Flange Head

ISO 12151-3 - S - L




| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|
| 11573-12-12 | 3/4 | 3/4 | 4.34 | 110,2 | 1-1/2 | 2.53 | 64,3 |
| 11573-16-16 | 1 | 1 | 4.59 | 117 | 1-3/4 | 2.65 | 67 |

See Accessories Section for O-Rings and Flange Kits.



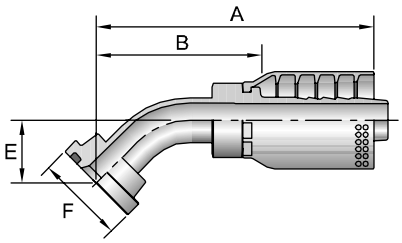
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## 11773

### SAE Code 61 Flange Head - 45° Elbow

ISO 12151-3 - E450S - L (1 Piece: ISO 12151-3 - E45M - L)

| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 11773-12-12 | 3/4 | 3/4 | 4.31 | 109 | 1.02 | 26 | 1-1/2 | 2.50 | 64 |
| 11773-16-16 | 1 | 1 | 5.01 | 127 | 1.26 | 32 | 1-3/4 | 3.07 | 78 |

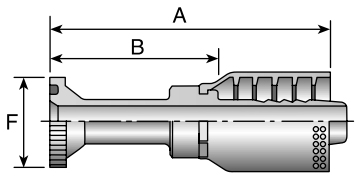



## 14A73

### SAE Code 61 Flange Head - 5000 psi

ISO 12151-3 - S - L

| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|
| 14A73-20-20 | 1-1/4 | 1-1/4 | 5.54 | 141 | 2 | 3.05 | 77 |
| 14A73-24-24 | 1-1/2 | 1-1/2 | 6.53 | 166 | 2-3/8 | 4.22 | 107 |
| 14A73-32-32 | 2 | 2 | 6.14 | 156 | 2-13/16 | 3.44 | 87 |

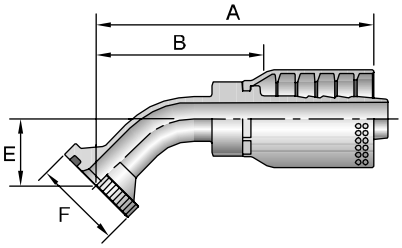



## 14F73

### SAE Code 61 Flange Head - 45° Elbow - 5000 psi

ISO 12151-3 - E45S - L (1 Piece: ISO 12151-3 - E45M - L)

| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 14F73-20-20 | 1-1/4 | 1-1/4 | 6.39 | 162 | 150 | 38 | 2 | 3.90 | 99 |
| 14F73-24-24 | 1-1/2 | 1-1/2 | 6.99 | 178 | 1.73 | 44 | 2-3/8 | 4.68 | 119 |
| 14F73-32-32 | 2 | 2 | 8.40 | 214 | 2.21 | 56 | 2-13/16 | 5.71 | 145 |

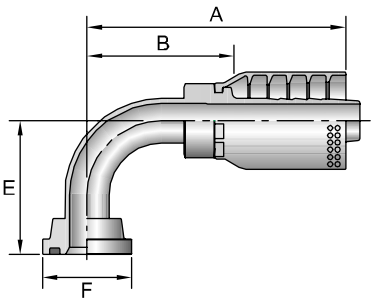



## 11973

### SAE Code 61 Flange Head - 90° Elbow

ISO 12151-3 - E90S - L (1 Piece: ISO 12151-3 - E90M - L)

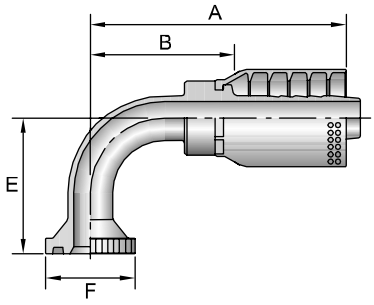
| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 11973-12-12 | 3/4 | 3/4 | 3.97 | 101 | 2.28 | 58 | 1-1/2 | 2.16 | 55 |
| 11973-16-12 | 1 | 3/4 | 4.00 | 102 | 2.28 | 58 | 1-3/4 | 2.19 | 56 |
| 11973-16-16 | 1 | 1 | 4.63 | 118 | 2.76 | 70 | 1-3/4 | 2.69 | 68 |








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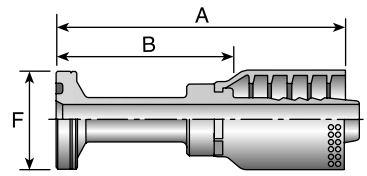



## 14N73

### SAE Code 61 Flange Head - 90˚ Elbow - 5000 psi

ISO 12151-3 - E90S - L (1 Piece: ISO 12151-3 - E90M - L)

| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 14N73-20-20 | 1-1/4 | 1-1/4 | 6.09 | 155 | 3.54 | 90 | 2 | 3.60 | 91 |
| 14N73-24-24 | 1-1/2 | 1-1/2 | 6.52 | 166 | 4.09 | 104 | 2-3/8 | 4.21 | 107 |
| 14N73-32-32 | 2 | 2 | 7.82 | 199 | 5.43 | 138 | 2-13/16 | 5.12 | 130 |




## 16A73

### SAE Code 62 Flange Head

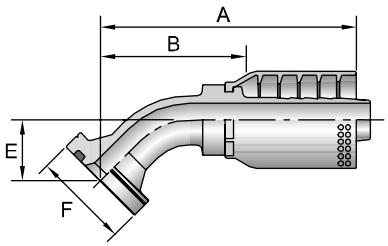
ISO 12151-3 - S - S

| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|
| 16A73-12-12 | 3/4 | 3/4 | 4.60 | 117 | 1-5/8 | 2.79 | 71 |
| 16A73-16-16 | 1 | 1 | 5.16 | 131 | 1-7/8 | 3.22 | 82 |
| 16A73-20-16 | 1-1/4 | 1 | 3.95 | 100 | 2-1/8 | 2.01 | 51 |
| 16A73-20-20 | 1-1/4 | 1-1/4 | 5.85 | 149 | 2-1/8 | 3.36 | 85 |
| 16A73-24-24 | 1-1/2 | 1-1/2 | 6.54 | 166 | 2-1/2 | 4.23 | 107 |
| 16A73-32-32 | 2 | 2 | 7.63 | 194 | 3-1/8 | 4.93 | 125 |

## 16F73

### SAE Code 62 Flange Head - 45˚ Elbow

ISO 12151-3 - E45S - S (1 Piece: ISO 12151-3 - E45M - S)

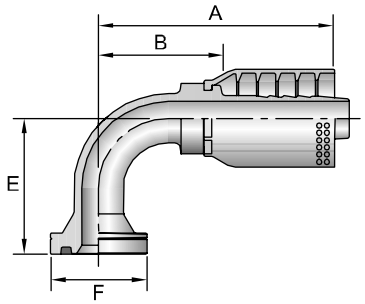



| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 16F73-12-12 | 3/4 | 3/4 | 4.31 | 109 | 1.02 | 26 | 1-5/8 | 2.50 | 64 |
| 16F73-16-16 | 1 | 1 | 5.01 | 127 | 1.26 | 32 | 1-7/8 | 3.07 | 78 |
| 16F73-20-20 | 1-1/4 | 1-1/4 | 6.39 | 162 | 1.50 | 38 | 2-1/8 | 3.90 | 99 |

## 16N73

### SAE Code 62 Flange Head - 90˚ Elbow

ISO 12151-3 - E90S - S (1 Piece: ISO 12151-3 - E90M - S)




| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 16N73-12-12 | 3/4 | 3/4 | 3.97 | 101 | 2.28 | 58 | 1-5/8 | 2.16 | 55 |
| 16N73-16-16 | 1 | 1 | 4.63 | 118 | 2.76 | 70 | 1-7/8 | 2.69 | 68 |
| 16N73-20-20 | 1-1/4 | 1-1/4 | 6.09 | 151 | 3.54 | 90 | 2-1/8 | 3.60 | 91 |
| 16N73-24-24 | 1-1/2 | 1-1/2 | 6.52 | 166 | 4.09 | 104 | 2-1/2 | 4.21 | 107 |
| 16N73-32-32 | 2 | 2 | 7.82 | 199 | 5.43 | 138 | 3-1/8 | 5.12 | 130 |



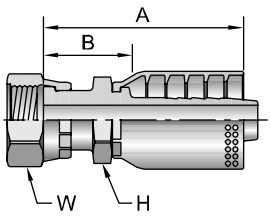
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## 1JS73

### Female Seal-Lok® - Swivel - Long

ISO 12151-1 - SWSB

| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | H inch | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 1JS73-12-12 | 3/4 | 1-3/16x12 | 3/4 | 3.70 | 94 | 1-1/8 | 1-3/8 | 1.89 | 48 |
| 1JS73-16-12 | 1 | 1-7/16x12 | 3/4 | 3.78 | 96 | 1-3/8 | 1-5/8 | 1.97 | 50 |
| 1JS73-16-16 | 1 | 1-7/16x12 | 1 | 4.03 | 102 | 1-3/8 | 1-5/8 | 2.09 | 53 |
| 1JS73-20-20 | 1-1/4 | 1-11/16x12 | 1-1/4 | 4.62 | 132 | 1-3/4 | 1-7/8 | 2.13 | 69 |

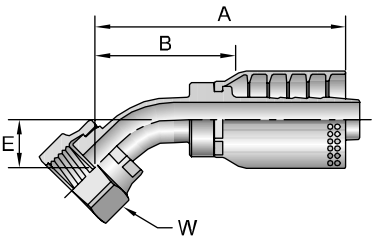



## 1J773

### Female Seal-Lok® - Swivel - 45˚ Elbow

ISO 12151-1 - SWE45

| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 1J773-12-12 | 3/4 | 1-3/16x12 | 3/4 | 4.11 | 104 | 0.81 | 21 | 1-3/8 | 2.30 | 58 |
| 1J773-16-16 | 1 | 1-7/16x12 | 1 | 4.69 | 119 | 0.94 | 24 | 1-5/8 | 2.75 | 70 |
| 1J773-20-20 | 1-1/4 | 1-11/16x12 | 1-1/4 | 5.78 | 147 | 0.98 | 25 | 1-7/8 | 3.29 | 84 |

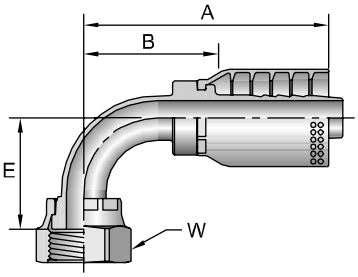



## 1J973

### Female Seal-Lok® - Swivel - 90˚ Elbow - Short Drop

ISO 12151-1 - SWES90

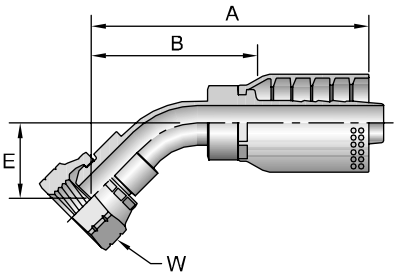
| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 1J973-12-12 | 3/4 | 1-3/16x12 | 3/4 | 3.97 | 100 | 1.89 | 48 | 1-3/8 | 2.16 | 55 |
| 1J973-16-16 | 1 | 1-7/16x12 | 1 | 4.62 | 117 | 2.20 | 56 | 1-5/8 | 2.68 | 68 |
| 1J973-20-20 | 1-1/4 | 1-11/16x12 | 1-1/4 | 5.82 | 148 | 2.52 | 64 | 1-7/8 | 3.33 | 85 |




Metric S: Mates with EO “S” Series Fittings.



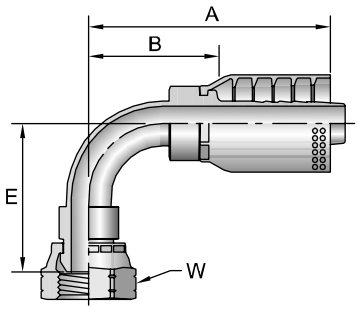
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Wickliffe, Ohio
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## 1G173

### Female BSP Parallel Pipe - Swivel - 45˚ Elbow - (60˚ Cone)

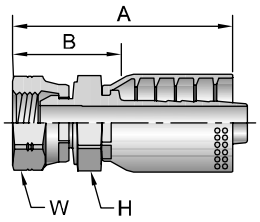
| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | E inch | E mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 1G173-12-12 | 3/4x14 | 3/4 | 4.77 | 121,2 | 1.35 | 34,4 | 36 | 2.96 | 75,2 |
| 1G173-16-16 | 1x11 | 1 | 5.36 | 136,1 | 1.52 | 38,7 | 41 | 3.42 | 86,9 |




## 1G273

### Female BSP Parallel Pipe - Swivel - 90˚ Elbow - (60˚ Cone)

| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | E inch | E mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 1G273-12-12 | 3/4x14 | 3/4 | 4.12 | 104,6 | 2.62 | 66,6 | 36 | 2.31 | 58,7 |
| 1G273-16-16 | 1x11 | 1 | 4.71 | 119,6 | 3.04 | 77,2 | 41 | 2.77 | 70,4 |




## 1GU73

### Female BSP Parallel Pipe - Swivel - (60˚ Cone)

| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | H mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|
| 1GU73-12-12 | 3/4x14 | 3/4 | 3.76 | 95,5 | 36 | 36 | 1.95 | 49,5 |
| 1GU73-16-16 | 1x11 | 1 | 4.14 | 105 | 41 | 41 | 2.20 | 56 |

Metric S: Mates with EO “S” Series Fittings



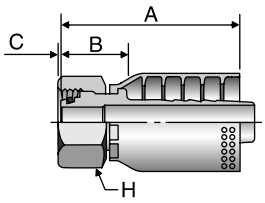
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Wickliffe, Ohio
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## 1CA73

**Female Metric L - Swivel - (24° Cone with O-Ring)**

ISO 12151-2 - SWS

| # Part Number | Thread mm | | Hose I.D. inch | A inch | A mm | C inch | C mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 1CA73-28-16 | 25 | M36x2 | 1 | 3.43 | 87 | 0.14 | 3.56 | 41 | 1.42 | 36 |

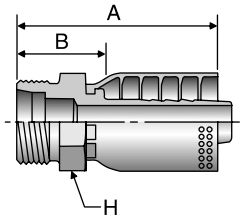



## 1D273

**Male Metric S - Rigid - (24° Cone)**

ISO 12151-2

| # Part Number | Thread mm | | Hose I.D. inch | A inch | A mm | H mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|
| 1D273-20-12 | 20 | M30x2 | 3/4 | 3.31 | 84 | 30 | 1.42 | 36 |
| 1D273-25-12 | 25 | M36x2 | 3/4 | 3.39 | 86 | 36 | 1.50 | 38 |
| 1D273-30-16 | 30 | M42x2 | 1 | 3.70 | 94 | 46 | 1.73 | 44 |
| 1D273-38-20 | 38 | M52x2 | 1-1/4 | 4.41 | 112 | 55 | 1.89 | 48 |

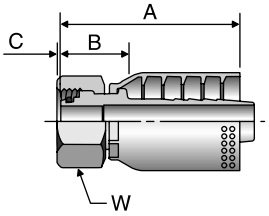



## 1C973

**Female Metric S - Swivel - (24˚ Cone with O-Ring)**

ISO 12151-2 - SWS

| # Part Number | Thread mm | | Hose I.D. inch | A inch | A mm | C inch | C mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 1C973-20-12 | 20 | M30x2 | 3/4 | 3.19 | 81 | 0.05 | 1.3 | 36 | 1.30 | 33 |
| 1C973-25-12 | 25 | M36x2 | 3/4 | 3.15 | 80 | 0.09 | 2.3 | 46 | 1.26 | 32 |
| 1C973-25-16 | 25 | M36x2 | 1 | 3.43 | 87 | 0.09 | 2.3 | 46 | 1.42 | 36 |
| 1C973-30-16 | 30 | M42x2 | 1 | 3.43 | 87 | 0.19 | 4.8 | 50 | 1.42 | 36 |
| 1C973-30-20 | 30 | M42x2 | 1-1/4 | 4.17 | 106 | 0.19 | 4.8 | 50 | 1.65 | 42 |
| 1C973-38-20 | 38 | M52x2 | 1-1/4 | 4.02 | 102 | 0.23 | 5.8 | 60 | 1.38 | 35 |

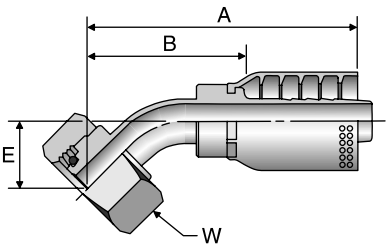



## 10C73

**Female Metric S - Swivel - 45˚ Elbow - (24˚ Cone with O-Ring)**

ISO 12151-2 - SWE45 - S

| # Part Number | Thread mm | | Hose I.D. inch | A inch | A mm | E inch | E mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 10C73-20-12 | 20 | M30x2 | 3/4 | 4.41 | 112 | 1.10 | 28 | 36 | 2.52 | 64 |
| 10C73-25-12 | 25 | M36x2 | 3/4 | 4.45 | 113 | 1.14 | 29 | 46 | 2.56 | 65 |
| 10C73-30-16 | 30 | M42x2 | 1 | 5.16 | 131 | 1.34 | 34 | 50 | 3.19 | 81 |





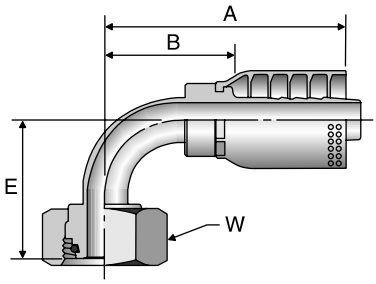



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## 11C73

**Female Metric S - Swivel - 90˚ Elbow - (24˚ Cone with O-Ring)**

ISO 12151-2 - SWE - S

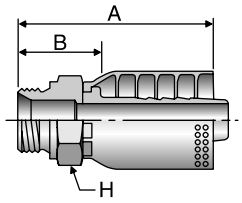



| # Part Number | Thread mm | | Hose I.D. inch | A inch | A mm | E inch | E mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 11C73-20-12 | 20 | M30X2 | 3/4 | 3.98 | 101 | 2.24 | 57 | 36 | 2.09 | 53 |
| 11C73-25-12 | 25 | M36X2 | 3/4 | 3.98 | 101 | 2.32 | 59 | 46 | 2.05 | 52 |
| 11C73-25-16 | 25 | M36X2 | 1 | 4.80 | 122 | 2.76 | 70 | 46 | 2.80 | 71 |
| 11C73-30-16 | 30 | M42X2 | 1 | 4.80 | 122 | 2.87 | 73 | 50 | 2.83 | 72 |
| 11C73-38-20 | 38 | M52X2 | 1-1/4 | 5.94 | 151 | 3.07 | 78 | 60 | 3.43 | 87 |

## 1D973

**Male BSP Parellel Pipe - Rigid - (60° Cone)**

ISO 228-1

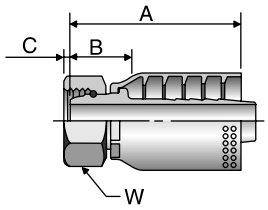



| # Part Number | Thread BSP | | Hose I.D. inch | A inch | A mm | H mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|
| 1D973-12-12 | 19,1 | 3/4x14 | 3/4 | 3.43 | 87 | 32 | 1.50 | 38 |
| 1D973-16-16 | 25,4 | 1x11 | 1 | 3.74 | 95 | 41 | 1.69 | 43 |

## 19273

**Female BSP Parallel Pipe - Swivel - (60° Cone)**

ISO 228-1




| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | C inch | C mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 19273-12-12 | 3/4x14 | 3/4 | 3.03 | 77 | 0.46 | 11.7 | 32 | 1.14 | 29 |
| 19273-16-16 | 1x11 | 1 | 3.50 | 89 | 0.44 | 11.2 | 41 | 1.50 | 38 |
| 19273-20-20 | 1-1/4x11 | 1-1/4 | 3.98 | 101 | 0.52 | 13.2 | 50 | 1.46 | 37 |



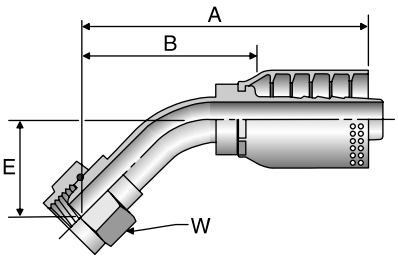
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Wickliffe, Ohio
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# 1B173

**Female BSP Parallel Pipe - Swivel- 45° Elbow - (60° Cone)**

ISO 228-1

| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | E inch | E mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 1B173-12-12 | 3/4x14 | 3/4 | 4.33 | 110 | 1.02 | 26 | 32 | 2.44 | 62 |
| 1B173-16-16 | 1x11 | 1 | 5.35 | 136 | 1.54 | 39 | 41 | 3.31 | 84 |

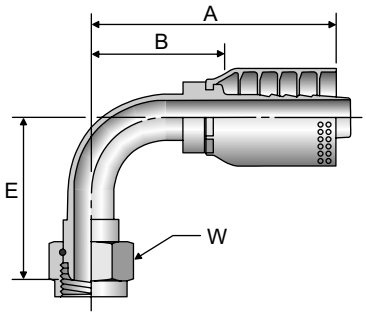



# 1B273

**Female BSP Parallel Pipe - Swivel - 90° Elbow - (60° Cone)**

ISO 228-1

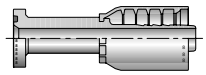
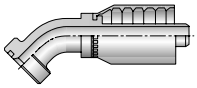
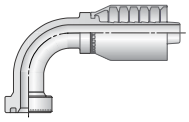
| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | E inch | E mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 1B273-12-12 | 3/4x14 | 3/4 | 4.17 | 106 | 2.17 | 55 | 32 | 2.28 | 58 |
| 1B273-16-16 | 1x11 | 1 | 4.76 | 121 | 2.99 | 76 | 41 | 2.76 | 70 |
| 1B273-20-20 | 1-1/4x11 | 1-1/4 | 5.94 | 151 | 3.15 | 80 | 50 | 3.43 | 87 |








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| Flange | 18A76 B-91 | 18F76 B-91 | 18N76 B-91 |
|---|---|---|---|
| |  |  |  |
| | *Flange* | *45˚ Elbow* | *90˚ Elbow* |



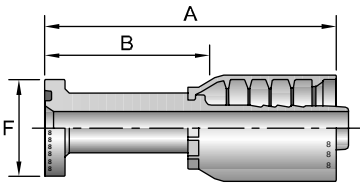


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## 18A76

### Flange Head - 8,000 psi

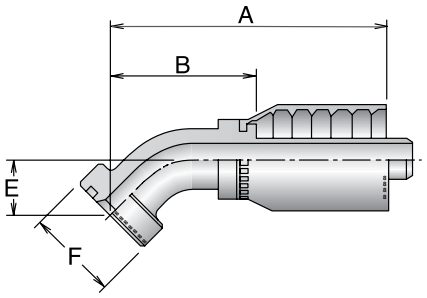
| # Part Number | Flange inch | Hose I.D inch | A inch | A mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|
| 18A76-12-12 | 3/4 | 3/4 | 5.29 | 134 | 1-5/8 | 2.96 | 75 |
| 18A76-16-16 | 1 | 1 | 5.72 | 145 | 1-7/8 | 3.17 | 81 |




## 18F76

### Flange Head - 45˚ Elbow - 8,000 psi

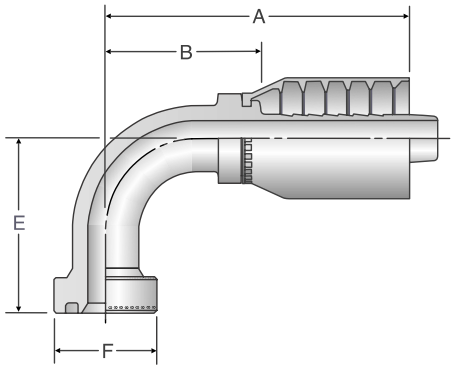
| # Part Number | Flange inch | Hose I.D inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 18F76-12-12 | 3/4 | 3/4 | 4.95 | 125,7 | 1.024 | 26 | 1-5/8 | 2.62 | 66,5 |
| 18F76-16-16 | 1 | 1 | 6.10 | 155,0 | 1.260 | 32 | 1-7/8 | 3.55 | 90,1 |




## 18N76

### Flange Head - 90˚ Elbow - 8,000 psi

| # Part Number | Flange inch | Hose I.D inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 18N76-12-12 | 3/4 | 3/4 | 4.81 | 122,1 | 2.76 | 70 | 1-5/8 | 2.48 | 63 |
| 18N76-16-16 | 1 | 1 | 5.88 | 149,5 | 2.76 | 70 | 1-7/8 | 3.33 | 84,6 |




A
B
C
D
E

See Accessories Section for O-Rings and Flange Kits.



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A

B

C

D

E

| | | | | | |
|---|---|---|---|---|---|
| **NPTF Pipe** | 10177 B-97<br>*Male - Rigid* | **JIC 37˚** | 10377 B-97<br>*Male - Rigid* | 10677 B-97<br>*Female - Swivel Straight* | 13777 B-98<br>*Female - Swivel 45˚ Elbow - Short* |
| 13977 B-98<br>*Female - Swivel 90˚ Elbow - Short* | **Straight Thread O-Ring** | 10577 B-97<br>*Male - Rigid* | **Full Flange** | 1X577 B-98<br>*Full Flange - Straight* | 1X777 B-99<br>*45˚ Elbow* |
| 1X977 B-99<br>*90˚ Elbow* | **Flange Code 61** | 14A77 B-100<br>*Flange Code 61* | 14F77 B-100<br>*Code 61 - 45° Elbow* | 14N77 B-101<br>*Code 61 - 90° Elbow* | 11577 B-99<br>*Flange Code 61* |
| 11777 B-100<br>*Flange Code 61* | 11977 B-100<br>*Flange Code 61* | **Flange Code 62** | 16A77 B-101<br>*Flange Code 62* | 16F77 B-101<br>*Code 62 45° Elbow* | 16N77 B-102<br>*Code 62 90° Elbow* |
| **Caterpillar® Flange** | 1XA77 B-102<br>*Caterpillar® - Flange* | 1XF77 B-102<br>*Caterpillar® - Flange 45° Elbow* | 1XB77 B-103<br>*Caterpillar® - Flange 22-1/2° Elbow* | 1XG77 B-103<br>*Caterpillar® - Flange 60° Elbow* | 1XN77 B-103<br>*Flange - 90° Elbow* |
| **Seal-Lok®** | 1JC77 B-104<br>*Female - Swivel Straight - Short* | 1JS77 B-104<br>*Female - Swivel Straight - Long* | 1J077 B-105<br>*Male - Rigid w/O-Ring* | 1J177 B-105<br>*Female - Swivel 90° - Long* | 1J777 B-105<br>*Female - Swivel 45˚ Elbow* |
| 1J977 B-106<br>*Female - Swivel 90˚ Elbow - Short* | **DIN "S" Series w/O-Ring** | 11C77 B-106<br>*Female - Swivel 90˚ Elbow* | 1C977 B-106<br>*Female - Swivel Straight* | 10C77 B-107<br>*Female Metric S Swivel - 45° Elbow* | 1D277 B-107<br>*Male Metric S Rigid - 24° Cone* |
| **BSP** | 1GU77 B-107<br>*Female - Swivel Straight* | **24° Cone** | 1ZM77 B-107<br>*Male 20° Cone* | | |

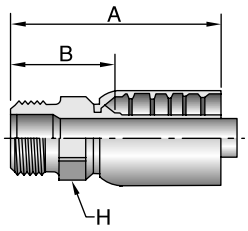


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# 10177
## Male NPTF Pipe - Rigid - Straight

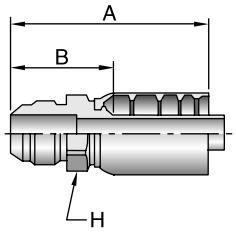
| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | H mm | B inch | B mm |
|---|---|---|---|---|---|---|---|
| 10177-8-8 | 1/2x14 | 1/2 | 2.72 | 69,2 | 22 | 1.50 | 38,2 |
| 10177-8-12 | 1/2x14 | 3/4 | 3.43 | 87,1 | 30 | 1.79 | 45,5 |
| 10177-12-12 | 3/4x14 | 3/4 | 3.43 | 87,1 | 30 | 1.79 | 45,5 |
| 10177-16-16 | 1x11-1/2 | 1 | 4.04 | 102,6 | 36 | 2.09 | 53,1 |
| 10177-20-20 | 1-1/4x11-1/2 | 1-1/4 | 4.57 | 116,1 | 46 | 2.30 | 58,4 |

All sizes of 10177 fittings are rated at 5,000 psi working pressure.



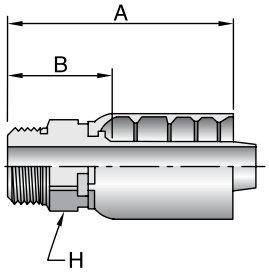

# 10377
## Male JIC 37° - Rigid - Straight

| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | H mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|
| 10377-8-8 | 1/2 | 3/4x16 | 1/2 | 2.61 | 66,4 | 22 | 1.39 | 35,4 |
| 10377-10-8 | 5/8 | 7/8x14 | 1/2 | 2.71 | 68,9 | 24 | 1.49 | 37,9 |
| 10377-16-16 | 1 | 1-5/16x12 | 1 | 3.99 | 101,3 | 36 | 2.04 | 51,8 |




# 10577
## Male SAE Straight Thread with O-Ring - Rigid - Straight

| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | H inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|
| 10577-8-8 | 1/2 | 3/4x16 | 1/2 | 2.39 | 60,8 | 22 | 1.17 | 29,8 |
| 10577-12-12 | 3/4 | 1-1/16x12 | 3/4 | 3.17 | 80,5 | 32 | 1.53 | 38,9 |
| 10577-16-16 | 1 | 1-5/16x12 | 1 | 3.73 | 94,7 | 41 | 1.78 | 45,2 |
| 10577-20-20 | 1-1/4 | 1-5/8x12 | 1-1/4 | 4.17 | 105,9 | 50 | 1.90 | 48,2 |

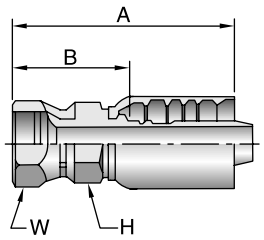



# 10677
## Female JIC 37° - Swivel - Straight

| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | H inch | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 10677-8-8 | 1/2 | 3/4x16 | 1/2 | 2.79 | 71,1 | 22 | 22 | 1.58 | 40,1 |
| 10677-10-8 | 5/8 | 7/8x14 | 1/2 | 2.91 | 74,0 | 22 | 27 | 1.69 | 43,0 |
| 10677-10-10 | 5/8 | 7/8x14 | 5/8 | 3.18 | 80,7 | 24 | 27 | 1.83 | 46,5 |
| 10677-12-10 | 3/4 | 1-1/16x12 | 5/8 | 3.30 | 83,9 | 30 | 32 | 1.95 | 49,6 |
| 10677-12-12 | 3/4 | 1-1/16x12 | 3/4 | 3.68 | 93,5 | 30 | 32 | 2.05 | 52,0 |
| 10677-16-12 | 1 | 1-5/16x12 | 3/4 | 3.89 | 98,7 | 36 | 41 | 2.25 | 57,3 |
| 10677-16-16 | 1 | 1-5/16x12 | 1 | 4.16 | 105,7 | 36 | 41 | 2.21 | 56,2 |
| 10677-20-16 | 1-1/4 | 1-5/8x12 | 1 | 4.29 | 109,1 | 41 | 50 | 2.34 | 59,5 |
| 10677-20-20 | 1-1/4 | 1-5/8x12 | 1-1/4 | 4.86 | 123,5 | 46 | 50 | 2.59 | 65,8 |

All sizes of 10677 fittings are rated at 5,000 psi working pressure.

⚠ Refer to Pressure Rating of Hose End Connections chart on page E-43.








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A

B

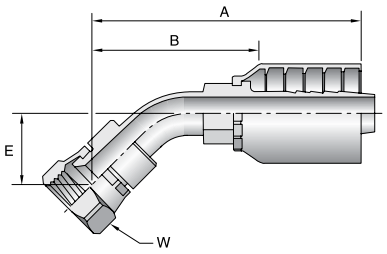
C

D

E

## 13777

### Female JIC 37° - Swivel - 45° Elbow - Short Drop

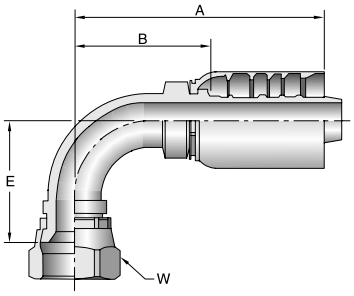



| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | E inch | E mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 13777-8-8 | 1/2 | 3/4x16 | 1/2 | 2.86 | 72,7 | 0.59 | 15 | 22 | 1.64 | 41,8 |
| 13777-12-12 | 3/4 | 1-1/16x12 | 3/4 | 4.37 | 110,9 | 0.83 | 21 | 32 | 2.73 | 69,4 |
| 13777-16-16 | 1 | 1-5/16x12 | 1 | 4.79 | 121,7 | 0.94 | 24 | 41 | 2.84 | 72,2 |
| 13777-20-20 | 1-1/4 | 1-5/8x12 | 1-1/4 | 6.03 | 153,2 | 1.26 | 32 | 50 | 3.76 | 95,5 |

All sizes of 13777 fittings are rated at 5,000 psi working pressure.

## 13977

### Female JIC 37° - Swivel - 90° Elbow - Short Drop

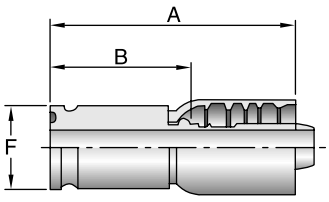



| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | E inch | E mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 13977-8-8 | 1/2 | 3/4x16 | 1/2 | 2.78 | 70,7 | 1.14 | 29,0 | 22 | 1.56 | 39,7 |
| 13977-12-12 | 3/4 | 1-1/16x12 | 3/4 | 4.23 | 107,4 | 1.89 | 48,0 | 32 | 2.60 | 66,0 |
| 13977-16-16 | 1 | 1-5/16x12 | 1 | 4.72 | 119,9 | 2.93 | 74,4 | 41 | 2.77 | 70,4 |
| 13977-20-20 | 1-1/4 | 1-5/8x12 | 1-1/4 | 5.81 | 147,6 | 3.07 | 78,0 | 50 | 3.54 | 90,0 |

All sizes of 13977 fittings are rated at 5,000 psi working pressure.

## 1X577

### Full Flange - Straight - Code 61/62




| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|
| 1X577-8-8 | 1/2 | 1/2 | 2.44 | 62,1 | 1.02 | 1.22 | 31,1 |
| 1X577-12-12 | 3/4 | 3/4 | 4.06 | 103,0 | 1.37 | 2.42 | 61,6 |
| 1X577-16-12 | 1 | 3/4 | 4.06 | 103,0 | 1.54 | 2.42 | 61,6 |
| 1X577-16-16 | 1 | 1 | 4.45 | 113,0 | 1.54 | 2.50 | 63,5 |
| 1X577-16-20 | 1 | 1-1/4 | 4.73 | 120,2 | 1.54 | 2.46 | 62,5 |
| 1X577-20-16 | 1-1/4 | 1 | 4.45 | 113,0 | 1.81 | 2.50 | 63,5 |
| 1X577-20-20 | 1-1/4 | 1-1/4 | 4.73 | 120,2 | 1.81 | 2.46 | 62,5 |
| 1X577-24-20 | 1-1/2 | 1-1/4 | 4.85 | 123,2 | 2.21 | 2.58 | 65,5 |

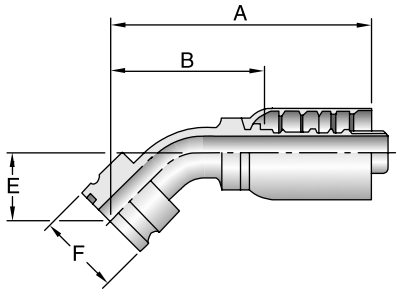
See Accessories Section for O-Rings and Flange Kits.



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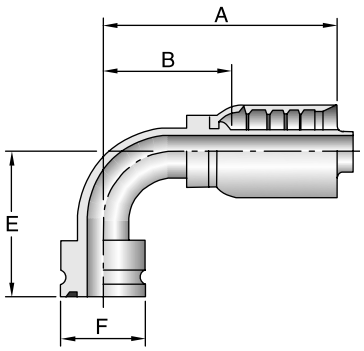
## 1X777
### Full Flange - 45° Elbow - Code 61/62

| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 1X777-12-12 | 3/4 | 3/4 | 4.67 | 118,5 | 1.12 | 28,5 | 1.37 | 3.03 | 77,0 |
| 1X777-16-12 | 1 | 3/4 | 4.66 | 118,3 | 1.12 | 28,5 | 1.54 | 3.02 | 76,8 |
| 1X777-16-16 | 1 | 1 | 5.11 | 129,8 | 1.26 | 32,0 | 1.54 | 3.16 | 80,3 |
| 1X777-16-20 | 1 | 1-1/4 | 5.74 | 145,8 | 1.50 | 38,0 | 1.54 | 3.47 | 88,1 |
| 1X777-20-16 | 1-1/4 | 1 | 5.35 | 135,9 | 1.50 | 38,0 | 1.81 | 3.40 | 86,4 |
| 1X777-20-20 | 1-1/4 | 1-1/4 | 6.27 | 159,3 | 1.50 | 38,0 | 1.81 | 4.00 | 101,6 |
| 1X777-24-20 | 1-1/2 | 1-1/4 | 6.51 | 165,4 | 1.73 | 44,0 | 2.21 | 4.24 | 107,7 |



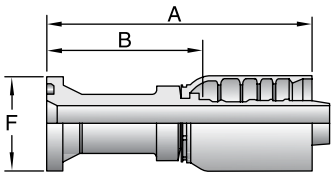

## 1X977
### Full Flange - 90° Elbow - Code 61/62

| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 1X977-8-8 | 1/2 | 1/2 | 3.14 | 79,8 | 1.69 | 43,0 | 1.02 | 1.92 | 48,9 |
| 1X977-12-12 | 3/4 | 3/4 | 4.24 | 107,6 | 2.38 | 60,5 | 1.37 | 2.60 | 66,1 |
| 1X977-16-12 | 1 | 3/4 | 4.24 | 107,6 | 2.38 | 60,5 | 1.54 | 2.60 | 66,1 |
| 1X977-12-16 | 3/4 | 1 | 4.33 | 109,9 | 2.76 | 70,0 | 1.37 | 2.38 | 60,5 |
| 1X977-16-16 | 1 | 1 | 4.73 | 120,1 | 2.76 | 70,0 | 1.54 | 2.78 | 70,6 |
| 1X977-16-20 | 1 | 1-1/4 | 5.12 | 130,1 | 3.54 | 90,0 | 1.54 | 2.85 | 72,4 |
| 1X977-20-16 | 1-1/4 | 1 | 4.73 | 120,1 | 2.76 | 70,0 | 1.81 | 2.78 | 70,6 |
| 1X977-20-20 | 1-1/4 | 1-1/4 | 5.81 | 147,6 | 3.54 | 90,0 | 1.81 | 3.54 | 90,0 |
| 1X977-24-20 | 1-1/2 | 1-1/4 | 5.81 | 147,6 | 3.54 | 90,0 | 2.21 | 3.54 | 90,0 |




## 11577
### SAE Code 61 Flange Head
ISO 12151-3-S-L

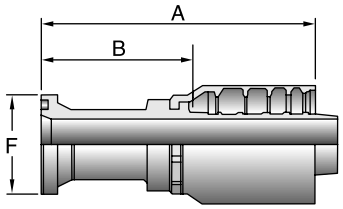
| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|
| 11577-8-8 | 1/2 | 1/2 | 3.52 | 89,6 | 1-3/16 | 2.30 | 58,6 |
| 11577-10-10 | 5/8 | 5/8 | 3.90 | 99,0 | 1-11/32 | 2.55 | 64,8 |
| 11577-12-12 | 3/4 | 3/4 | 4.23 | 107,4 | 1-1/2 | 2.59 | 65,9 |
| 11577-16-16 | 1 | 1 | 4.70 | 119,4 | 1-3/4 | 2.75 | 69,9 |




See Accessories Section for O-Rings and Flange Kits.



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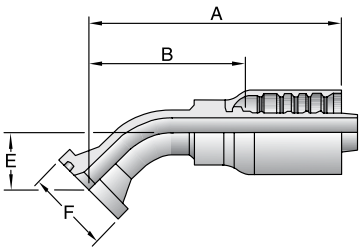



## 14A77

### SAE Code 61 Flange Head - Straight

ISO 12151-3-S-L

| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|
| 14A77-20-20 | 1-1/4 | 1-1/4 | 5.42 | 137,7 | 2 | 3.15 | 80,0 |
| 14A77-24-20 | 1-1/2 | 1-1/4 | 3.94 | 100,1 | 2-3/8 | 1.67 | 42,4 |

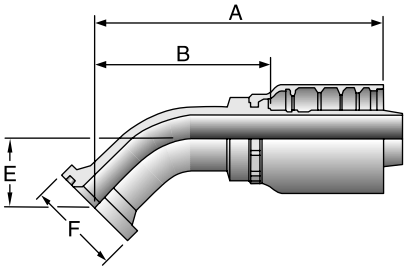



## 11777

### SAE Code 61 Flange Head - 45° Elbow

ISO 12151-3-E45S-L (1 Piece: ISO 12151-3-E45M-L)

| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 11777-8-8 | 1/2 | 1/2 | 3.11 | 79,0 | 0.79 | 20,0 | 1-3/16 | 1.89 | 48,0 |
| 11777-12-12 | 3/4 | 3/4 | 4.57 | 116,0 | 1.02 | 26,0 | 1-1/2 | 2.93 | 74,5 |
| 11777-16-16 | 1 | 1 | 5.11 | 129,8 | 1.26 | 32,0 | 1-3/4 | 3.16 | 80,3 |

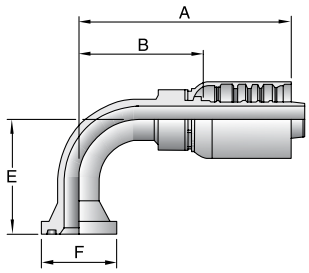



## 14F77

### SAE Code 61 5000 psi Flange Head - 45°

ISO 12151-3 E45S-L (1 PIECE: ISO 12151-3-E45M-L)

| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 14F77-20-20 | 1-1/4 | 1-1/4 | 6.27 | 159,3 | 1.50 | 38 | 2 | 4.00 | 101,6 |




## 11977

### SAE Code 61 Flange Head - 90° Elbow

ISO 12151-3-E90S-L (1 Piece: ISO 12151-3-E90M-L)

| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 11977-8-8 | 1/2 | 1/2 | 2.99 | 76,0 | 1.61 | 41,0 | 1-3/16 | 1.77 | 45,0 |
| 11977-12-12 | 3/4 | 3/4 | 4.24 | 107,6 | 2.28 | 58,0 | 1-1/2 | 2.60 | 66,1 |
| 11977-16-16 | 1 | 1 | 4.72 | 119,9 | 2.76 | 70,0 | 1-3/4 | 2.77 | 70,4 |

See Accessories Section for O-Rings and Flange Kits.



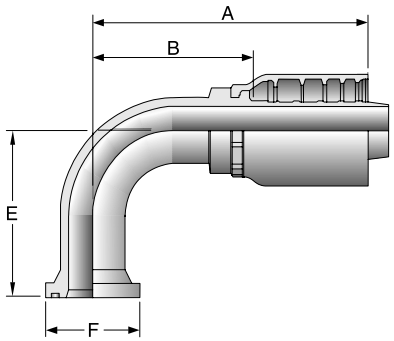
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## 14N77

### SAE Code 61 Flange Head - 90°

ISO 12151-3-E90S-L (1 PIECE: ISO 12151-3-E90M-L)

| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 14N77-20-20 | 1-1/4 | 1-1/4 | 5.81 | 147,6 | 3.54 | 90 | 2 | 3.54 | 90,0 |

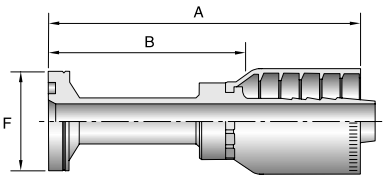



## 16A77

### SAE Code 62 Flange Head - Straight

ISO 12151-3-S-S

| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|
| 16A77-12-10 | 3/4 | 5/8 | 2.95 | 74,9 | 1-5/8 | 1.60 | 40,7 |
| 16A77-12-12 | 3/4 | 3/4 | 4.49 | 113,9 | 1-5/8 | 2.85 | 72,5 |
| 16A77-16-12 | 1 | 3/4 | 3.47 | 88,1 | 1-7/8 | 1.83 | 46,6 |
| 16A77-16-16 | 1 | 1 | 5.26 | 133,6 | 1-7/8 | 3.31 | 84,1 |
| 16A77-20-16 | 1-1/4 | 1 | 4.05 | 102,9 | 2-1/8 | 2.10 | 53,4 |
| 16A77-20-20 | 1-1/4 | 1-1/4 | 5.73 | 145,6 | 2-1/8 | 3.46 | 87,8 |
| 16A77-24-20 | 1-1/2 | 1-1/4 | 4.65 | 118,1 | 2-1/2 | 2.38 | 60,4 |

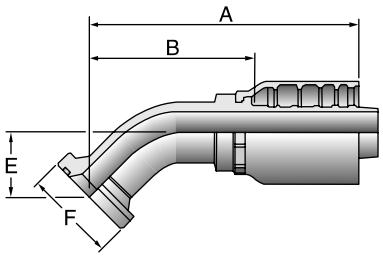



## 16F77

### SAE Code 62 Flange Head - 45° Elbow

ISO 12151-3-E45S-S (1 PIECE: ISO 12151-3-E45M-S)

| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 16F77-12-12 | 3/4 | 3/4 | 4.57 | 116,0 | 1.02 | 26 | 1-5/8 | 2.93 | 74,5 |
| 16F77-16-16 | 1 | 1 | 5.11 | 129,8 | 1.26 | 32 | 1-7/8 | 3.16 | 80,3 |
| 16F77-16-20 | 1 | 1-1/4 | 5.74 | 145,8 | 1.50 | 38 | 1-7/8 | 3.47 | 88,1 |
| 16F77-20-16 | 1-1/4 | 1 | 5.11 | 129,8 | 1.26 | 32 | 2-1/8 | 3.16 | 80,3 |
| 16F77-20-20 | 1-1/4 | 1-1/4 | 6.27 | 159,3 | 1.50 | 38 | 2-1/8 | 4.00 | 101,6 |
| 16F77-24-20 | 1-1/2 | 1-1/4 | 6.27 | 159,3 | 1.50 | 38 | 2-1/2 | 4.00 | 101,6 |




See Accessories Section for O-Rings and Flange Kits.



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A

B

C

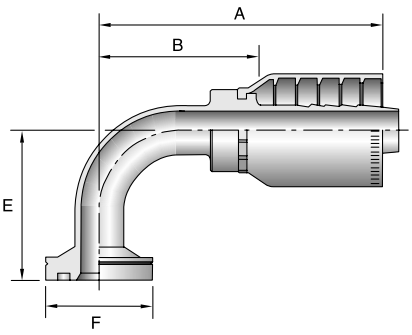
D

E

## 16N77

### SAE Code 62 Flange Head - 90° Elbow

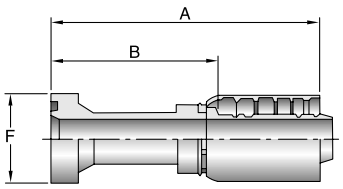
ISO 12151-3 - E90S - S (1 Piece: ISO 12151-3 - E90M - S)




| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 16N77-12-12 | 3/4 | 3/4 | 4.24 | 107,6 | 2.28 | 58 | 1-5/8 | 2.60 | 66,1 |
| 16N77-12-16 | 3/4 | 1 | 4.41 | 112,0 | 2.76 | 70 | 1-5/8 | 2.46 | 62.5 |
| 16N77-16-12 | 1 | 3/4 | 4.24 | 107,6 | 2.28 | 58 | 1-7/8 | 2.60 | 66,1 |
| 16N77-16-16 | 1 | 1 | 4.72 | 119,9 | 2.76 | 70 | 1-7/8 | 2.77 | 70,4 |
| 16N77-16-20 | 1 | 1-1/4 | 5.12 | 130,1 | 3.54 | 90 | 1-7/8 | 2.85 | 72,4 |
| 16N77-20-16 | 1-1/4 | 1 | 4.72 | 119.9 | 2.76 | 70 | 2-1/8 | 2.77 | 70,4 |
| 16N77-20-20 | 1-1/4 | 1-1/4 | 5.81 | 147,6 | 3.54 | 90 | 2-1/8 | 3.54 | 90,0 |
| 16N77-24-20 | 1-1/2 | 1-1/4 | 5.81 | 147,6 | 3.54 | 90 | 2-1/2 | 3.54 | 90,0 |

## 1XA77

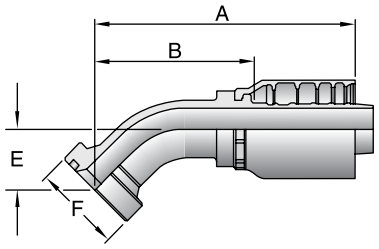
### Caterpillar® Flange Head - Straight




| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|
| 1XA77-12-12 | 3/4 | 3/4 | 4.48 | 113,7 | 1-5/8 | 2.84 | 72,2 |
| 1XA77-16-16 | 1 | 1 | 5.54 | 140,7 | 1-7/8 | 3.59 | 91,2 |
| 1XA77-20-16 | 1-1/4 | 1 | 4.10 | 104,1 | 2-1/8 | 2.15 | 54,6 |
| 1XA77-20-20 | 1-1/4 | 1-1/4 | 5.98 | 151,9 | 2-1/8 | 3.71 | 94,2 |

## 1XF77

### Caterpillar® Flange Head - 45° Elbow




| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 1XF77-12-12 | 3/4 | 3/4 | 4.57 | 116,0 | 1.22 | 31,0 | 1-5/8 | 2.93 | 74,5 |
| 1XF77-16-16 | 1 | 1 | 5.26 | 133,6 | 1.42 | 36,0 | 1-7/8 | 3.31 | 84,1 |
| 1XF77-20-16 | 1-1/4 | 1 | 5.26 | 133,6 | 1.42 | 36,0 | 2-1/8 | 3.31 | 84,1 |
| 1XF77-20-20 | 1-1/4 | 1-1/4 | 6.23 | 158,2 | 1.46 | 37,0 | 2-1/8 | 3.96 | 100,6 |
| 1XF77-24-20 | 1-1/2 | 1-1/4 | 6.23 | 158,2 | 1.46 | 37,0 | 2-1/2 | 3.96 | 100,6 |

See Accessories Section for O-Rings and Flange Kits.

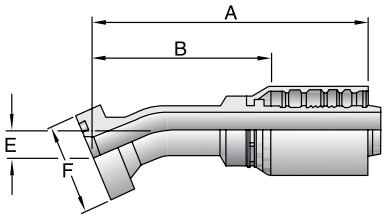


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## 1XB77

### Caterpillar® Flange Head - 22-1/2° Elbow

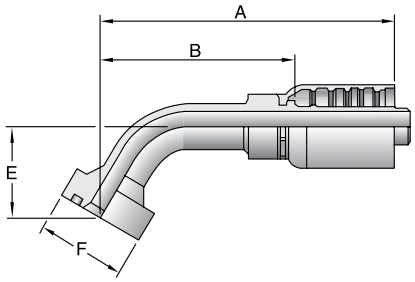
| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 1XB77-16-16 | 1 | 1 | 5.66 | 143,8 | 0.55 | 14,0 | 1-7/8 | 3.71 | 94,2 |
| 1XB77-20-20 | 1-1/4 | 1-1/4 | 6.60 | 167,7 | 0.58 | 14,7 | 2-1/8 | 4.33 | 109,9 |




## 1XG77

### Caterpillar® Flange Head - 60° Elbow

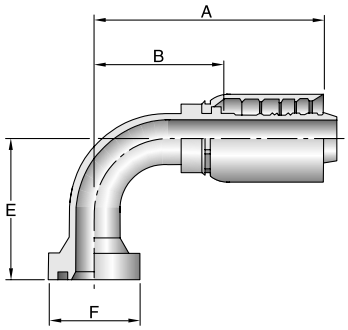
| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 1XG77-12-12 | 3/4 | 3/4 | 5.35 | 135,8 | 1.65 | 42,0 | 1-5/8 | 3.71 | 94,3 |
| 1XG77-16-16 | 1 | 1 | 5.98 | 151,9 | 1.97 | 50,0 | 1-7/8 | 4.03 | 102,4 |
| 1XG77-20-20 | 1-1/4 | 1-1/4 | 7.74 | 196,6 | 2.01 | 51,0 | 2-1/8 | 5.47 | 138,9 |




## 1XN77

### Caterpillar® Flange Head - 90° Elbow

| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 1XN77-12-12 | 3/4 | 3/4 | 4.23 | 107,4 | 2.48 | 63,0 | 1-5/8 | 2.59 | 65,9 |
| 1XN77-16-16 | 1 | 1 | 4.73 | 120,1 | 2.91 | 74,0 | 1-7/8 | 2.78 | 70,5 |
| 1XN77-20-16 | 1-1/4 | 1 | 4.73 | 120,1 | 2.91 | 74,0 | 2-1/8 | 2.78 | 70,5 |
| 1XN77-20-20 | 1-1/4 | 1-1/4 | 5.81 | 147,6 | 3.70 | 94,0 | 2-1/8 | 3.54 | 90,0 |
| 1XN77-24-20 | 1-1/2 | 1-1/4 | 5.81 | 147,6 | 3.03 | 77,0 | 2-1/2 | 3.54 | 90,0 |




A
B
C
D
E

See Accessories Section for O-Rings and Flange Kits.



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A

B

C

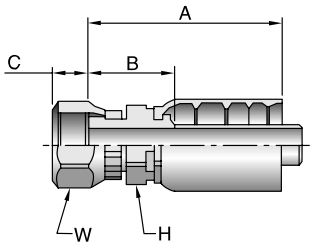
D

E

# 1JC77

## Female Seal-Lok® - Swivel - Straight - Short

ISO 12151-1-SWSA

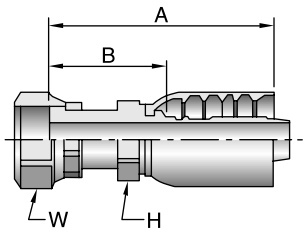



| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | C inch | C mm | H inch | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 1JC77-8-8 | 1/2 | 13/16x16 | 2.35 | 59,8 | 0.43 | 11 | 22 | 24 | 1.13 | 28,8 |
| 1JC77-10-10 | 5/8 | 1x14 | 2.75 | 69,8 | 0.48 | 12 | 24 | 30 | 1.40 | 35,6 |

# 1JS77

## Female Seal-Lok® - Swivel - Straight - Long

ISO 12151-1-SWSB




| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | H inch | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 1JS77-8-8 | 1/2 | 13/16x16 | 1/2 | 2.80 | 71,2 | 22 | 24 | 1.58 | 40,2 |
| 1JS77-10-8 | 5/8 | 1x14 | 1/2 | 2.95 | 75,0 | 24 | 30 | 1.73 | 44,0 |
| 1JS77-10-10 | 5/8 | 1x14 | 5/8 | 3.21 | 81,5 | 24 | 30 | 1.86 | 47,3 |
| 1JS77-12-8 | 3/4 | 1-3/16x12 | 1/2 | 3.15 | 80,1 | 30 | 36 | 1.93 | 49,1 |
| 1JS77-12-10 | 3/4 | 1-3/16x12 | 5/8 | 3.35 | 85,1 | 30 | 36 | 2.00 | 50,8 |
| 1JS77-12-12 | 3/4 | 1-3/16x12 | 3/4 | 3.68 | 93,4 | 30 | 36 | 2.04 | 51,9 |
| 1JS77-12-16 | 3/4 | 1-3/16x12 | 1 | 4.18 | 106,2 | 36 | 36 | 2.23 | 56,7 |
| 1JS77-16-12 | 1 | 1-7/16x12 | 3/4 | 3.90 | 99,0 | 36 | 41 | 2.26 | 57,5 |
| 1JS77-16-16 | 1 | 1-7/16x12 | 1 | 4.19 | 106,4 | 36 | 41 | 2.24 | 56,9 |
| 1JS77-16-20 | 1 | 1-7/16x12 | 1-1/4 | 4.71 | 119,7 | 46 | 41 | 2.44 | 62,0 |
| 1JS77-20-16 | 1-1/4 | 1-11/16x12 | 1 | 4.29 | 108,9 | 41 | 50 | 2.34 | 59,5 |
| 1JS77-20-20 | 1-1/4 | 1-11/16x12 | 1-1/4 | 4.78 | 121,4 | 46 | 50 | 2.51 | 63,8 |

See Accessories Section for O-Rings and Flange Kits.



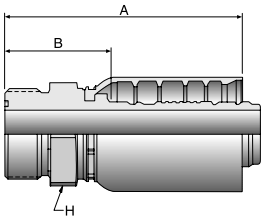
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## 1J077

### Male Seal-Lok® - Rigid - Straight - (with O-Ring)

ISO 12151-1-S

| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | H mm | B inch | B mm |
|---|---|---|---|---|---|---|---|
| 1J077-10-8 | 1x14 | 1/2 | 2.67 | 67,9 | 27 | 1.45 | 36,9 |
| 1J077-12-10 | 1-3/16x12 | 5/8 | 2.97 | 75,4 | 30 | 1.62 | 41,2 |
| 1J077-12-12 | 1-3/16x12 | 3/4 | 3.27 | 82,9 | 32 | 1.63 | 41,5 |
| 1J077-16-12 | 1-7/16x12 | 3/4 | 3.32 | 84,3 | 41 | 1.68 | 42,8 |
| 1J077-16-16 | 1-7/16x12 | 1 | 3.74 | 95,0 | 41 | 1.79 | 45,5 |
| 1J077-20-16 | 1-11/16x12 | 1 | 3.68 | 93,4 | 46 | 1.73 | 43,9 |

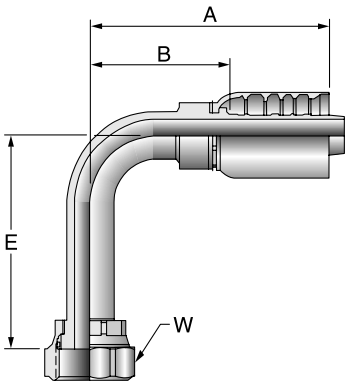



## 1J177

### Female Seal-Lok® - Swivel - 90° Elbow - Long Drop

ISO 12151-1-SWEL90

| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | E inch | E mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 1J177-8-8 | 13/16x16 | 1/2 | 2.77 | 70,5 | 2.52 | 64 | 24 | 1.55 | 39,5 |
| 1J177-10-10 | 1x14 | 5/8 | 3.21 | 81,5 | 2.76 | 70 | 30 | 1.86 | 47,3 |
| 1J177-12-12 | 1-13/16x12 | 3/4 | 4.23 | 107,4 | 3.78 | 96 | 36 | 2.59 | 65,9 |
| 1J177-16-16 | 1-7/16x12 | 1 | 4.73 | 120,1 | 4.49 | 114 | 41 | 2.78 | 70,6 |

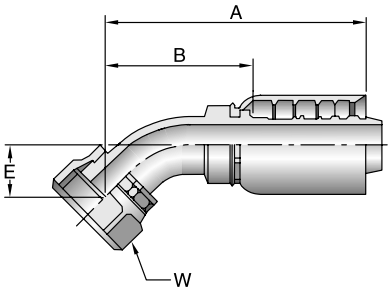



## 1J777

### Female Seal-Lok® - Swivel - 45° Elbow

ISO 12151-1-SWE45

| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 1J777-8-8 | 1/2 | 13/16x16 | 1/2 | 2.86 | 72,7 | 0.59 | 15 | 24 | 1.64 | 41,8 |
| 1J777-10-10 | 5/8 | 1x14 | 5/8 | 3.28 | 83,3 | 0.63 | 16 | 30 | 1.93 | 49,0 |
| 1J777-12-12 | 3/4 | 1-3/16x12 | 3/4 | 4.39 | 111,4 | 0.83 | 21 | 36 | 2.75 | 69,9 |
| 1J777-16-16 | 1 | 1-7/16x12 | 1 | 4.79 | 121,7 | 0.94 | 24 | 41 | 2.84 | 72,2 |
| 1J777-20-20 | 1-1/4 | 1-11/16x12 | 1-1/4 | 5.69 | 144,6 | 0.98 | 25 | 50 | 3.42 | 86,8 |




See Accessories Section for O-Rings and Flange Kits.



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A

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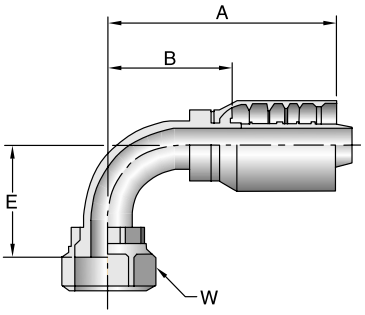
D

E

## 1J977

### Female Seal-Lok® - Swivel - 90˚ Elbow - Short Drop

ISO 12151-1-SWES90

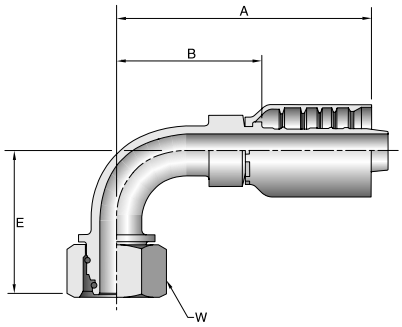



| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | E inch | E mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 1J977-8-8 | 1/2 | 13/16x16 | 1/2 | 2.78 | 70,7 | 1.14 | 29 | 24 | 1.56 | 39,7 |
| 1J977-10-10 | 5/8 | 1x14 | 5/8 | 3.21 | 81,5 | 1.26 | 32 | 30 | 1.86 | 47,3 |
| 1J977-12-12 | 3/4 | 1-3/16x12 | 3/4 | 4.23 | 107,5 | 1.89 | 48 | 36 | 2.60 | 66,0 |
| 1J977-16-16 | 1 | 1-7/16x12 | 1 | 4.73 | 120,1 | 2.20 | 56 | 41 | 2.78 | 70,6 |
| 1J977-16-20 | 1 | 1-7/16x12 | 1-1/4 | 5.12 | 130,1 | 2.20 | 56 | 41 | 2.85 | 72,4 |
| 1J977-20-20 | 1-1/4 | 1-11/16x12 | 1-1/4 | 5.73 | 145,5 | 2.52 | 64 | 50 | 3.46 | 87,9 |

## 11C77

### Female Metric S - Swivel - 90˚ Elbow - (24˚ Cone with O-Ring)

ISO 12151-2-SWE

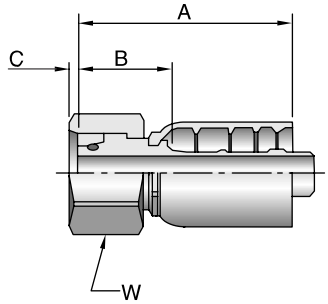



| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | E inch | E mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 11C77-16-8 | M24x1,5 | 1/2 | 3.03 | 77 | 1.77 | 45 | 30 | 1.65 | 45 |
| 11C77-20-12 | M30x2 | 3/4 | 4.25 | 108 | 2.36 | 60 | 36 | 2.44 | 62 |
| 11C77-25-12 | M36x2 | 3/4 | 4.25 | 108 | 2.32 | 59 | 46 | 2.44 | 62 |
| 11C77-30-16 | M42x2 | 1 | 5.16 | 131 | 2.72 | 69 | 50 | 3.03 | 77 |
| 11C77-38-20 | M52x2 | 1-1/4 | 5.94 | 151 | 3.07 | 78 | 60 | 3.42 | 87 |

## 1C977

### Female Metric S - Swivel - Straight (24˚ Cone with O-Ring)

ISO 12151-2-SWS




| # Part Number | Thread mm | | Hose I.D. inch | A inch | A mm | C inch | C mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 1C977-16-8 | 16 | M24x1,5 | 1/2 | 2.34 | 59,5 | 0.09 | 2,0 | 30 | 1.12 | 28,5 |
| 1C977-20-10 | 20 | M30x2 | 5/8 | 2.64 | 67,0 | 0.05 | 1,0 | 36 | 1.29 | 32,8 |
| 1C977-20-12 | 20 | M30x2 | 3/4 | 2.99 | 76,0 | 0.07 | 1,9 | 36 | 1.18 | 30,0 |
| 1C977-25-12 | 25 | M36x2 | 3/4 | 3.00 | 76,5 | 0.10 | 3,0 | 46 | 1.37 | 35,0 |
| 1C977-30-16 | 30 | M42x2 | 1 | 3.50 | 89,0 | 0.19 | 5,0 | 50 | 1.55 | 39,5 |
| 1C977-38-20 | 38 | M52x2 | 1-1/4 | 3.86 | 98,0 | 0.27 | 6,9 | 60 | 1.38 | 35,0 |

When measuring overall length to end of nut, B + C dimensions must be used to calculate cut-off allowance.

See Accessories Section for O-Rings and Flange Kits.



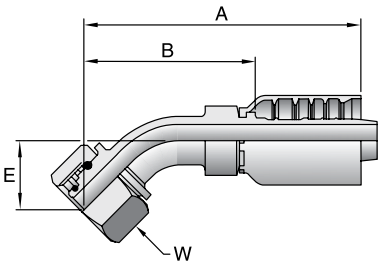
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## 10C77

### Female Metric S - Swivel - 45° Elbow - (24° Cone with O-Ring)

ISO 12151-2-SWE-45

| # Part Number | Thread mm | | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 10C77-16-8 | 16 | M24x1,5 | 1/2 | 3.26 | 82,9 | 0.93 | 23,5 | 30 | 2.04 | 51,9 |
| 10C77-20-10 | 20 | M30x2 | 5/8 | 4.21 | 106,9 | 1.10 | 28,0 | 36 | 2.86 | 72,7 |
| 10C77-25-12 | 25 | M36x2 | 3/4 | 4.69 | 119,0 | 1.14 | 29,0 | 46 | 3.05 | 77,6 |
| 10C77-30-16 | 30 | M42x2 | 1 | 5.59 | 142,0 | 1.30 | 33,0 | 50 | 3.64 | 92,5 |
| 10C77-38-20 | 38 | M52x2 | 1-1/4 | 6.33 | 160,8 | 1.44 | 36,5 | 60 | 4.06 | 103,1 |

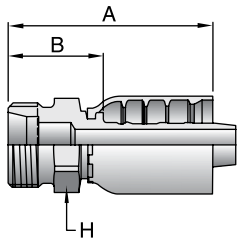



## 1D277

### Male Metric S - Rigid - (24° Cone)

End Connection per ISO 8434-1-BHS

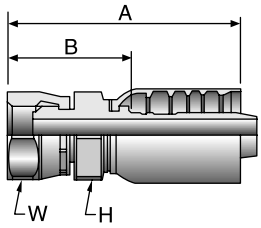
| # Part Number | Thread mm | Hose I.D. inch | A inch | A mm | H mm | B inch | B mm |
|---|---|---|---|---|---|---|---|
| 1D277-16-8 | M24x1,5 | 1/2 | 2.53 | 64,4 | 24 | 1.31 | 33,4 |
| 1D277-20-10 | M30x2 | 5/8 | 2.85 | 72,4 | 30 | 1.50 | 38,1 |
| 1D277-25-12 | M36x2 | 3/4 | 3.39 | 86,3 | 36 | 1.76 | 44,8 |
| 1D277-30-16 | M42x3 | 1 | 3.91 | 99,3 | 46 | 1.96 | 49,8 |
| 1D277-38-20 | M52x2 | 1-1/4 | 4.50 | 114,3 | 55 | 2.23 | 56,6 |




## 1GU77

### Female BSP Parallel Pipe - Swivel - Straight (60° Cone)

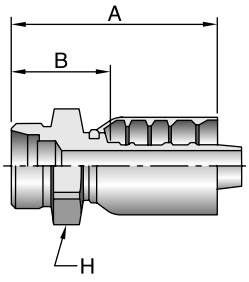
| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | H inch | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|
| 1GU77-12-12 | 3/4x14 | 3/4 | 3.74 | 94,9 | 36 | 36 | 2.10 | 53,4 |
| 1GU77-16-16 | 1x11 | 1 | 4.33 | 110,0 | 41 | 41 | 2.38 | 60,5 |




## 1ZM77

### Male 24° Cone Metric - Rigid - Straight

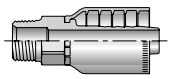
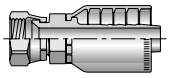
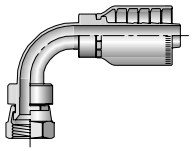
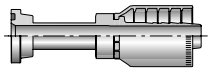
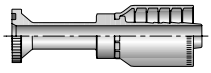
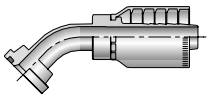
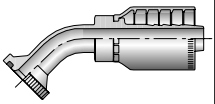
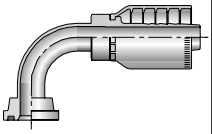
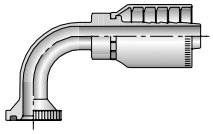
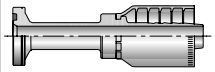
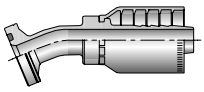
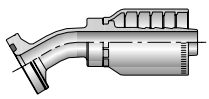
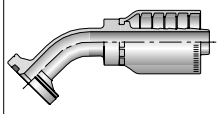
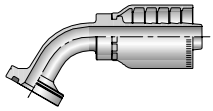
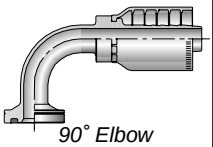
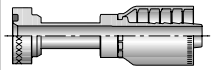
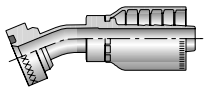
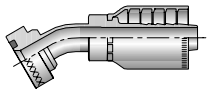
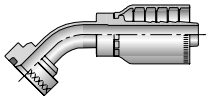
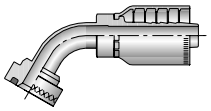
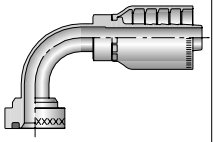
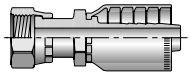
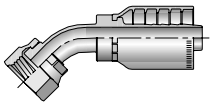
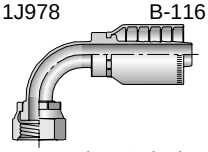
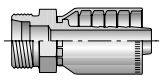
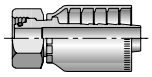
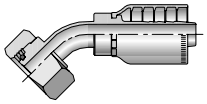
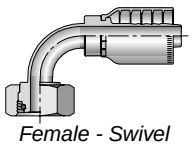
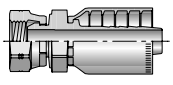
| # Part Number | Thread mm | Hose I.D. inch | A inch | A mm | H mm | B inch | B mm |
|---|---|---|---|---|---|---|---|
| 1ZM77-22-10 | M30x1,5 | 5/8 | 2.83 | 71,8 | 36 | 1.48 | 37,6 |
| 1ZM77-28-12 | M36x1,5 | 3/4 | 3.38 | 85,8 | 41 | 1.74 | 44,3 |
| 1ZM77-28-16 | M36x1,5 | 1 | 3.77 | 95,8 | 41 | 1.82 | 46,2 |
| 1ZM77-35-16 | M45x1,5 | 1 | 3.85 | 97,8 | 50 | 1.90 | 48,3 |





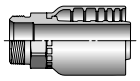
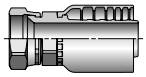
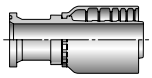
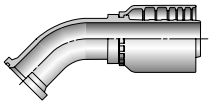
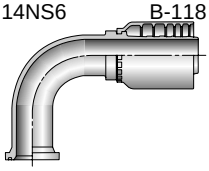
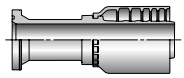
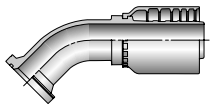
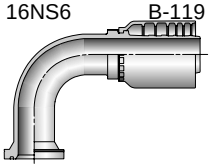
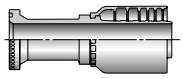
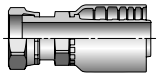



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| | | | | | |
|---|---|---|---|---|---|
| **NPTF Pipe** | 10178 B-110<br>  <br>*Male - Rigid* | **JIC 37˚** | 10678 B-110<br>  <br>*Female - Swivel* | 13978 B-110<br>  <br>*Female - Swivel* | **Code 61 Flange** |
| 11578 B-110<br>  <br>*Flange* | 14A78 B-111<br>  <br>*Flange (5000 psi)* | 11778 B-111<br>  <br>*45˚ Elbow* | 14F78 B-111<br>  <br>*45˚ Elbow (5000 psi)* | 11978 B-111<br>  <br>*90˚ Elbow* | 14N78 B-112<br>  <br>*90˚ Elbow (5000 psi)* |
| **Code 62 Flange** | 16A78 B-112<br>  <br>*Flange* | 16B78 B-112<br>  <br>*22-1/2˚ Elbow* | 16E78 B-112<br>  <br>*30˚ Elbow* | 16F78 B-113<br>  <br>*45˚ Elbow* | 16G78 B-113<br>  <br>*60˚ Elbow* |
| 16N78 B-113<br>  <br>*90˚ Elbow* | **Caterpillar® Flange** | 1XA78 B-114<br>  <br>*Flange* | 1XB78 B-114<br>  <br>*22-1/2˚ Elbow* | 1XE78 B-114<br>  <br>*30˚ Elbow* | 1XF78 B-115<br>  <br>*45˚ Elbow* |
| 1XG78 B-115<br>  <br>*60˚ Elbow* | 1XN78 B-115<br>  <br>*90˚ Elbow* | **Seal-Lok® (O-Ring Face Seal)** | 1JS78 B-116<br>  <br>*Female - Swivel Long* | 1J778 B-116<br>  <br>*Female - Swivel 45˚ Elbow* | 1J978 B-116<br>  <br>*Female - Swivel 90˚ Elbow - Short* |
| **DIN “S” Series** | 1D278 B-117<br>  <br>*Male - Rigid* | **DIN “S” Series w/O-Ring** | 1C978 B-117<br>  <br>*Female - Rigid* | 10C78 B-117<br>  <br>*Female - Swivel 45˚ Elbow* | 11C78 B-117<br>  <br>*Female - Swivel 90˚ Elbow* |
| **BSP 60˚ Cone** | 1GU78 B-117<br>  <br>*Female - Swivel* | | | | |



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| | | | | | |
|---|---|---|---|---|---|
| **NPTF Pipe** | 101S6 B-118  *Male - Rigid* | **JIC 37°** | 106S6 B-118  *Female - Swivel* | **Code 61 Flange** | 14AS6 B-118  *Flange (5000 psi)* |
| 14FS6 B-118  *45° Elbow (5000 psi)* | 14NS6 B-118  *90° Elbow (5000 psi)* | **Code 62 Flange** | 16AS6 B-119  *Flange Head - Straight* | 16FS6 B-119  *45˚ Elbow* | 16NS6 B-119  *90˚ Elbow* |
| **Caterpillar® Flange** | 1XAS6 B-119  *Flange* | **Seal-Lok® (O-Ring Face Seal)** | 1JSS6 B-119  *Female - Swivel* | | |

A

B

C

D

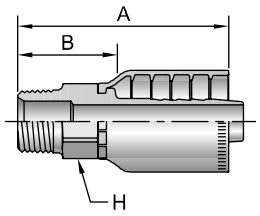
E



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## 10178

### Male NPTF Pipe - Rigid

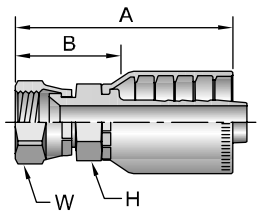



| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | H inch | B inch | B mm |
|---|---|---|---|---|---|---|---|
| 10178-12-12 | 3/4x14 | 3/4 | 3.56 | 90 | 1-1/8 | 1.80 | 46 |
| 10178-16-16 | 1x11-1/2 | 1 | 3.94 | 100 | 1-3/8 | 2.09 | 53 |
| 10178-20-20 | 1-1/4x11-1/2 | 1-1/4 | 4.92 | 125 | 1-3/4 | 2.53 | 64 |
| 10178-24-24 | 1-1/2x11-1/2 | 1-1/2 | 4.88 | 124 | 2 | 2.67 | 68 |

All sizes of 10178 fittings are rated at 5,000 psi working pressure.

## 10678

### Female JIC 37˚ - Swivel



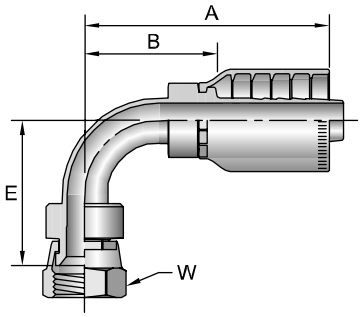

| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | H inch | W inch | B inch | B mm | Additional Material Stainless Steel (C) |
|---|---|---|---|---|---|---|---|---|---|---|
| 10678-12-12 | 3/4 | 1-1/16x12 | 3/4 | 3.66 | 93 | 1-1/8 | 1-1/4 | 1.90 | 48 | • |
| 10678-16-12 | 1 | 1-5/16x12 | 3/4 | 3.90 | 99 | 1-3/8 | 1-1/2 | 2.14 | 54 | |
| 10678-16-16 | 1 | 1-5/16x12 | 1 | 4.03 | 102 | 1-3/8 | 1-1/2 | 2.18 | 55 | • |
| 10678-20-20 | 1-1/4 | 1-5/8x12 | 1-1/4 | 4.93 | 125 | 1-3/4 | 2 | 2.54 | 65 | • |
| 10678-24-24 | 1-1/2 | 1-7/8x12 | 1-1/2 | 5.04 | 128 | 2 | 2-1/4 | 2.83 | 72 | • |

All sizes of 10678 fittings are rated at 5,000 psi working pressure.

⚠ Refer to Pressure Rating of Hose End Connections chart on page E-43.

## 13978

### Female JIC 37˚ - Swivel - 90˚ Elbow - Short Drop



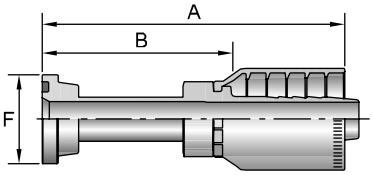

| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 13978-12-12 | 3/4 | 1-1/16x12 | 3/4 | 4.12 | 105 | 2.44 | 62 | 1-1/2 | 2.36 | 60 |
| 13978-16-16 | 1 | 1-5/16x12 | 1 | 4.71 | 120 | 2.93 | 74 | 1-1/2 | 2.86 | 73 |
| 13978-20-20 | 1-1/4 | 1-5/8x12 | 1-1/4 | 5.67 | 144 | 3.35 | 85 | 2 | 3.28 | 83 |

All sizes of 13978 fittings are rated at 5,000 psi working pressure.

## 11578

### SAE Code 61 Flange Head

ISO 12151-3 - S - L




| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|
| 11578-12-12 | 3/4 | 3/4 | 4.34 | 110 | 1-1/2 | 2.58 | 66 |
| 11578-16-16 | 1 | 1 | 4.59 | 117 | 1-3/4 | 2.74 | 70 |

See Accessories Section for O-Rings and Flange Kits.



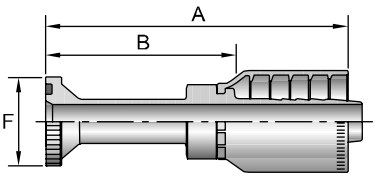
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## 14A78

### SAE Code 61 Flange Head - 5,000 psi

ISO 12151-3 - S - L (5000 psi)

| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|
| 14A78-20-20 | 1-1/4 | 1-1/4 | 5.54 | 141 | 2 | 3.15 | 80 |
| 14A78-24-24 | 1-1/2 | 1-1/2 | 6.53 | 166 | 2-3/8 | 4.32 | 110 |
| 14A78-32-24 | 2 | 1-1/2 | 4.68 | 119 | 2-13/16 | 2.47 | 63 |

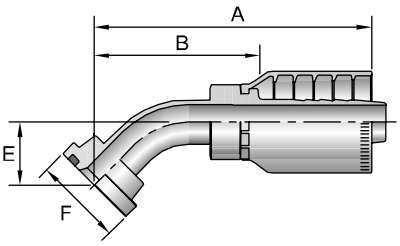



## 11778

### SAE Code 61 Flange Head - 45˚ Elbow

ISO 12151-3 - E45S - L (1 Piece: ISO 12151-3 - E45M - L)

| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 11778-12-12 | 3/4 | 3/4 | 4.67 | 119 | 1.06 | 27 | 1-1/2 | 2.91 | 74 |
| 11778-16-16 | 1 | 1 | 5.01 | 127 | 1.26 | 32 | 1-3/4 | 3.16 | 80 |

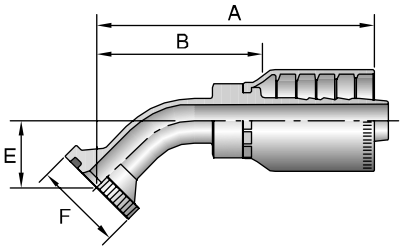



## 14F78

### SAE Code 61 Flange Head - 45˚ Elbow - 5,000 psi

ISO 12151-3 - E45S - L (1 Piece: ISO 12151-3 - E45M - L) (5000 psi)

| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 14F78-20-20 | 1-1/4 | 1-1/4 | 6.39 | 162 | 1.50 | 38 | 2 | 4.00 | 102 |
| 14F78-24-24 | 1-1/2 | 1-1/2 | 6.99 | 178 | 1.73 | 44 | 2-3/8 | 4.78 | 121 |

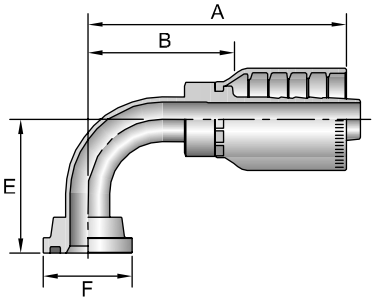



## 11978

### SAE Code 61 Flange Head - 90˚ Elbow

ISO 12151-3 - E90S - L (1 Piece: ISO 12151-3 - E90M - L)

| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 11978-12-12 | 3/4 | 3/4 | 4.35 | 110 | 2.25 | 57 | 1-1/2 | 2.59 | 66 |
| 11978-16-16 | 1 | 1 | 4.67 | 119 | 2.76 | 70 | 1-3/4 | 2.82 | 72 |




See Accessories Section for O-Rings and Flange Kits.



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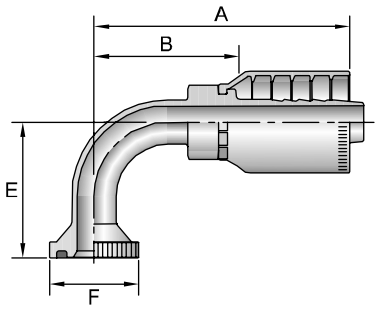
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E

## 14N78

### SAE Code 61 Flange Head - 90˚ Elbow - 5,000 psi

ISO 12151-3 - E90S - L (1 Piece: ISO 12151-3 - E90M - L) (5000 psi)

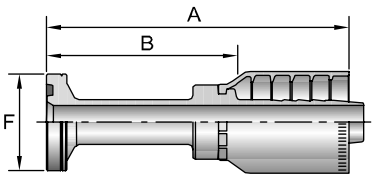



| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 14N78-20-16 | 1-1/4 | 1 | 4.63 | 118 | 2.76 | 70 | 2 | 2.78 | 71 |
| 14N78-20-20 | 1-1/4 | 1-1/4 | 6.09 | 155 | 3.54 | 90 | 2 | 3.70 | 94 |
| 14N78-24-24 | 1-1/2 | 1-1/2 | 6.52 | 166 | 4.09 | 104 | 2-3/8 | 4.31 | 109 |

## 16A78

### SAE Code 62 Flange Head

ISO 12151-3 - S - S

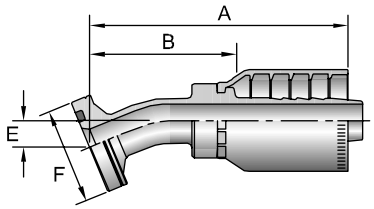



| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|
| 16A78-12-12 | 3/4 | 3/4 | 4.60 | 117 | 1-5/8 | 2.84 | 72 |
| 16A78-16-12 | 1 | 3/4 | 3.57 | 91 | 1-7/8 | 1.81 | 46 |
| 16A78-16-16 | 1 | 1 | 5.16 | 131 | 1-7/8 | 3.31 | 84 |
| 16A78-20-16 | 1-1/4 | 1 | 3.95 | 100 | 2-1/8 | 2.10 | 53 |
| 16A78-20-20 | 1-1/4 | 1-1/4 | 5.85 | 149 | 2-1/8 | 3.46 | 88 |
| 16A78-24-20 | 1-1/2 | 1-1/4 | 4.77 | 121 | 2-1/2 | 2.38 | 60 |
| 16A78-24-24 | 1-1/2 | 1-1/2 | 6.54 | 166 | 2-1/2 | 4.33 | 110 |
| 16A78-32-24 | 2 | 1-1/2 | 5.07 | 129 | 3-1/8 | 2.86 | 73 |

## 16B78

### SAE Code 62 Flange Head - 22-1/2˚ Elbow

ISO 12151-3 - E22M - S

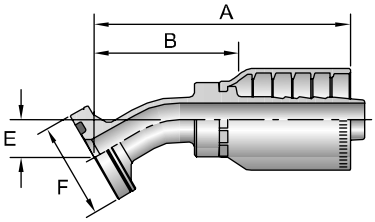



| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 16B78-16-16 | 1 | 1 | 4.57 | 116 | 0.46 | 12 | 1-7/8 | 2.72 | 60 |

## 16E78

### SAE Code 62 Flange Head - 30˚ Elbow

ISO 12151-3 - E30S - S (1 Piece: ISO 12151-3 - E30M - S)




| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 16E78-20-20 | 1-1/4 | 1-1/4 | 6.71 | 170 | 0.87 | 22 | 2-1/8 | 4.32 | 110 |
| 16E78-24-24 | 1-1/2 | 1-1/2 | 7.10 | 180 | 1.12 | 28 | 2-1/2 | 4.89 | 124 |

See Accessories Section for O-Rings and Flange Kits.



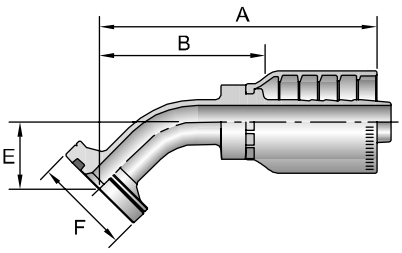
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## 16F78

### SAE Code 62 Flange Head - 45˚ Elbow

ISO 12151-3 - E45S - S (1 Piece: ISO 12151-3 - E45M - S)

| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 16F78-12-12 | 3/4 | 3/4 | 4.31 | 109 | 1.02 | 26 | 1-5/8 | 2.55 | 65 |
| 16F78-16-12 | 1 | 3/4 | 4.83 | 123 | 1.22 | 31 | 1-7/8 | 3.07 | 78 |
| 16F78-16-16 | 1 | 1 | 5.04 | 128 | 1.26 | 32 | 1-7/8 | 3.19 | 81 |
| 16F78-20-16 | 1-1/4 | 1 | 5.01 | 127 | 1.26 | 32 | 2-1/8 | 3.16 | 80 |
| 16F78-20-20 | 1-1/4 | 1-1/4 | 6.39 | 162 | 1.50 | 38 | 2-1/8 | 4.00 | 102 |
| 16F78-24-20 | 1-1/2 | 1-1/4 | 6.39 | 162 | 1.50 | 38 | 2-1/2 | 4.00 | 102 |
| 16F78-24-24 | 1-1/2 | 1-1/2 | 6.99 | 178 | 1.73 | 44 | 2-1/2 | 4.78 | 121 |

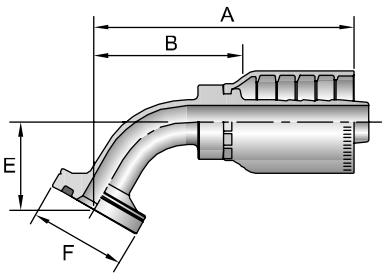



## 16G78

### SAE Code 62 Flange Head - 60˚ Elbow

ISO 12151-3 - E60S - S (1 Piece: ISO 12151-3 - E60M - S)

| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 16G78-16-16 | 1 | 1 | 5.85 | 149 | 1.73 | 44 | 1-7/8 | 4.00 | 102 |
| 16G78-20-20 | 1-1/4 | 1-1/4 | 7.72 | 196 | 2.17 | 55 | 2-1/8 | 5.33 | 135 |
| 16G78-24-24 | 1-1/2 | 1-1/2 | 8.41 | 214 | 2.52 | 64 | 2-1/2 | 6.20 | 157 |

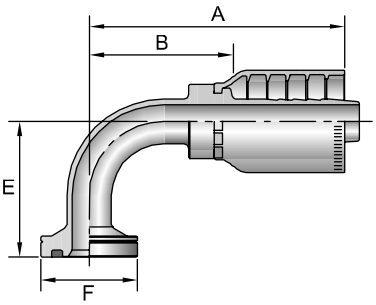



## 16N78

### SAE Code 62 Flange Head - 90˚ Elbow

ISO 12151-3 - E90S - S (1 Piece: ISO 12151-3 - E90M - S)

| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 16N78-12-12 | 3/4 | 3/4 | 4.00 | 102 | 2.28 | 58 | 1-5/8 | 2.24 | 57 |
| 16N78-16-12 | 1 | 3/4 | 3.97 | 101 | 2.28 | 58 | 1-7/8 | 2.21 | 56 |
| 16N78-16-16 | 1 | 1 | 4.63 | 118 | 2.76 | 70 | 1-7/8 | 2.78 | 71 |
| 16N78-20-16 | 1-1/4 | 1 | 4.63 | 118 | 2.76 | 70 | 2-1/8 | 2.78 | 71 |
| 16N78-20-20 | 1-1/4 | 1-1/4 | 6.09 | 155 | 3.54 | 90 | 2-1/8 | 3.70 | 94 |
| 16N78-24-16 | 1-1/2 | 1 | 5.04 | 126 | 2.70 | 69 | 2-1/2 | 3.19 | 81 |
| 16N78-24-20 | 1-1/2 | 1-1/4 | 6.09 | 155 | 3.54 | 90 | 2-1/2 | 3.70 | 94 |
| 16N78-24-24 | 1-1/2 | 1-1/2 | 6.52 | 166 | 4.09 | 104 | 2-1/2 | 4.31 | 109 |
| 16N78-32-24 | 2 | 1-1/2 | 6.52 | 166 | 4.09 | 104 | 3-1/8 | 4.31 | 109 |




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See Accessories Section for O-Rings and Flange Kits.



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A

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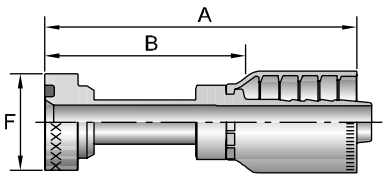
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## 1XA78

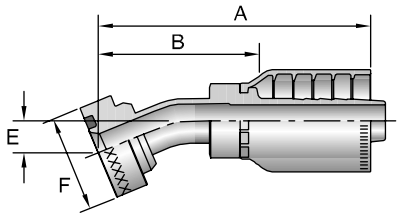
### Caterpillar® Flange Head




| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|
| 1XA78-12-12 | 3/4 | 3/4 | 4.85 | 123,2 | 1-5/8 | 3.09 | 78,5 |
| 1XA78-16-12 | 1 | 3/4 | 5.29 | 134,4 | 1-7/8 | 3.53 | 89,7 |
| 1XA78-16-16 | 1 | 1 | 5.44 | 138,2 | 1-7/8 | 3.59 | 91,2 |
| 1XA78-20-16 | 1-1/4 | 1 | 5.65 | 143,5 | 2-1/8 | 3.80 | 96,5 |
| 1XA78-20-20 | 1-1/4 | 1-1/4 | 6.10 | 154,9 | 2-1/8 | 3.71 | 94,2 |
| 1XA78-24-20 | 1-1/2 | 1-1/4 | 6.35 | 161,3 | 2-1/2 | 3.96 | 100,6 |
| 1XA78-24-24 | 1-1/2 | 1-1/2 | 6.78 | 172,2 | 2-1/2 | 4.57 | 116,1 |

## 1XB78

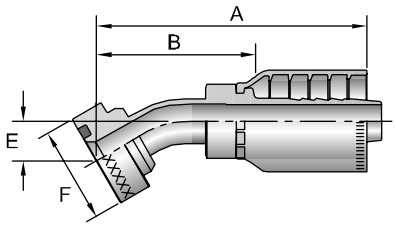
### Caterpillar® Flange Head - 22-1/2˚ Elbow




| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 1XB78-12-12 | 3/4 | 3/4 | 4.59 | 117 | 0.54 | 14 | 1-5/8 | 2.83 | 72 |
| 1XB78-16-16 | 1 | 1 | 4.66 | 118 | 0.50 | 13 | 1-7/8 | 2.81 | 71 |
| 1XB78-20-16 | 1-1/4 | 1 | 4.66 | 118 | 0.50 | 13 | 2-1/8 | 2.81 | 71 |
| 1XB78-20-20 | 1-1/4 | 1-1/4 | 7.21 | 183 | 0.80 | 20 | 2-1/8 | 4.82 | 122 |
| 1XB78-24-20 | 1-1/2 | 1-1/4 | 7.21 | 183 | 0.80 | 20 | 2-1/2 | 4.82 | 122 |
| 1XB78-24-24 | 1-1/2 | 1-1/2 | 7.08 | 180 | 0.73 | 19 | 2-1/2 | 4.87 | 124 |

## 1XE78

### Caterpillar® Flange Head - 30˚ Elbow




| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 1XE78-16-16 | 1 | 1 | 5.08 | 129 | 0.79 | 20 | 1-7/8 | 3.23 | 82 |
| 1XE78-20-16 | 1-1/4 | 1 | 5.10 | 128 | 0.80 | 20 | 2-1/8 | 3.25 | 83 |
| 1XE78-20-20 | 1-1/4 | 1-1/4 | 6.38 | 162 | 0.93 | 24 | 2-1/8 | 3.99 | 101 |
| 1XE78-24-20 | 1-1/2 | 1-1/4 | 6.38 | 162 | 0.93 | 24 | 2-1/2 | 3.99 | 101 |
| 1XE78-24-24 | 1-1/2 | 1-1/2 | 7.10 | 180 | 1.14 | 29 | 2-1/2 | 4.89 | 124 |

Caterpillar® style fittings conform to the bolt hole patterns of SAE Code 62 and require special flange halves and seals. The Caterpillar® style flange heads are thicker than SAE Code 62 and measure to a .560' thickness in all sizes.

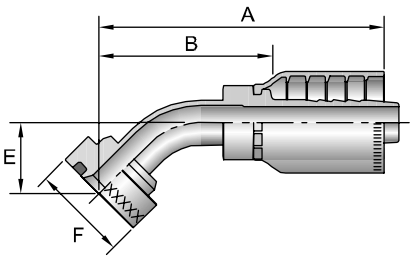
See Accessories Section for O-Rings and Flange Kits.



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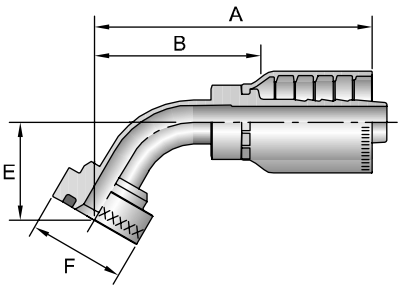
## 1XF78
### Caterpillar® Flange Head - 45˚ Elbow

| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 1XF78-12-12 | 3/4 | 3/4 | 4.82 | 122 | 1.21 | 31 | 1-5/8 | 3.06 | 78 |
| 1XF78-16-12 | 1 | 3/4 | 4.81 | 120 | 1.20 | 30 | 1-7/8 | 3.05 | 77 |
| 1XF78-16-16 | 1 | 1 | 5.46 | 139 | 1.43 | 36 | 1-7/8 | 3.61 | 92 |
| 1XF78-20-16 | 1-1/4 | 1 | 5.46 | 139 | 1.43 | 36 | 2-1/8 | 3.61 | 92 |
| 1XF78-20-20 | 1-1/4 | 1-1/4 | 6.38 | 162 | 1.44 | 37 | 2-1/8 | 3.99 | 101 |
| 1XF78-24-20 | 1-1/2 | 1-1/4 | 6.38 | 162 | 1.44 | 37 | 2-1/2 | 3.99 | 101 |
| 1XF78-24-24 | 1-1/2 | 1-1/2 | 6.89 | 175 | 1.54 | 39 | 2-1/2 | 4.68 | 119 |



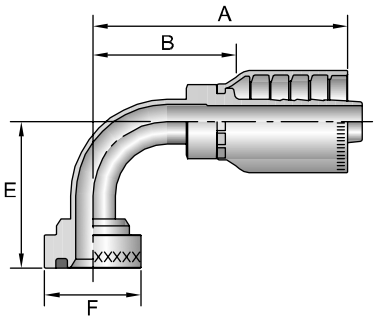

## 1XG78
### Caterpillar® Flange Head - 60˚ Elbow

| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 1XG78-16-16 | 1 | 1 | 5.13 | 130 | 1.96 | 50 | 1-7/8 | 3.28 | 83 |
| 1XG78-20-20 | 1-1/4 | 1-1/4 | 6.72 | 171 | 2.02 | 51 | 2-1/8 | 4.33 | 110 |
| 1XG78-24-24 | 1-1/2 | 1-1/2 | 6.87 | 174 | 2.04 | 52 | 2-1/2 | 4.67 | 119 |




## 1XN78
### Caterpillar® Flange Head - 90˚ Elbow

| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 1XN78-12-12 | 3/4 | 3/4 | 4.35 | 110 | 2.46 | 62 | 1-5/8 | 2.59 | 66 |
| 1XN78-12-16 | 3/4 | 1 | 4.58 | 116 | 2.46 | 62 | 1-5/8 | 2.73 | 69 |
| 1XN78-16-12 | 1 | 3/4 | 4.35 | 110 | 2.44 | 62 | 1-7/8 | 2.59 | 66 |
| 1XN78-16-16 | 1 | 1 | 5.04 | 128 | 2.90 | 74 | 1-7/8 | 3.19 | 81 |
| 1XN78-20-16 | 1-1/4 | 1 | 5.04 | 128 | 2.90 | 74 | 2-1/8 | 3.19 | 81 |
| 1XN78-20-20 | 1-1/4 | 1-1/4 | 6.75 | 171 | 3.02 | 77 | 2-1/8 | 4.36 | 111 |
| 1XN78-24-20 | 1-1/2 | 1-1/4 | 6.75 | 171 | 3.02 | 77 | 2-1/2 | 4.36 | 111 |
| 1XN78-24-24 | 1-1/2 | 1-1/2 | 5.85 | 149 | 3.41 | 87 | 2-1/2 | 3.64 | 92 |




Caterpillar® style fittings conform to the bolt hole patterns of SAE Code 62 and require special flange halves and seals. The Caterpillar® style flange heads are thicker than SAE Code 62 and measure to a .560' thickness in all sizes.

See Accessories Section for O-Rings and Flange Kits.



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A

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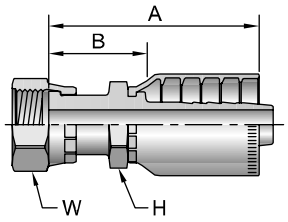
D

E

# 1JS78

## Female Seal-Lok® - Swivel - Long

ISO 12151-1 - SWSB



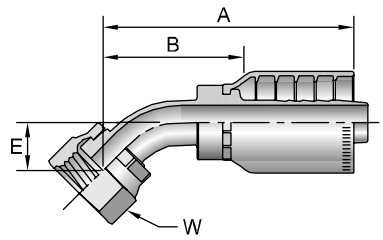

| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | H inch | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 1JS78-12-12 | 3/4 | 1-3/16x12 | 3/4 | 3.70 | 94 | 1-1/8 | 1-3/8 | 1.94 | 49 |
| 1JS78-16-16 | 1 | 1-7/16x12 | 1 | 4.03 | 102 | 1-3/8 | 1-5/8 | 2.18 | 55 |
| 1JS78-20-16 | 1-1/4 | 1-11/16x12 | 1 | 3.99 | 101 | 1-3/4 | 1-7/8 | 2.14 | 54 |
| 1JS78-20-20 | 1-1/4 | 1-11/16x12 | 1-1/4 | 4.62 | 117 | 1-3/4 | 1-7/8 | 2.23 | 57 |
| 1JS78-24-24 | 1-1/2 | 2-12 | 1-1/2 | 4.70 | 119,4 | 2 | 2-1/4 | 2.49 | 63,2 |

⚠ Refer to Pressure Rating of Hose End Connections chart on page E-43.

# 1J778

## Female Seal-Lok® - Swivel - 45˚ Elbow

ISO 12151-1 - SWE45



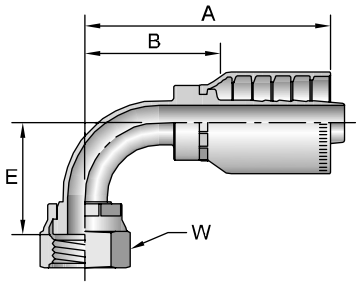

| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 1J778-12-12 | 3/4 | 1-3/16x12 | 3/4 | 4.11 | 104 | 0.81 | 21 | 1-3/8 | 2.35 | 60 |
| 1J778-16-16 | 1 | 1-7/16x12 | 1 | 4.69 | 119 | 0.94 | 24 | 1-5/8 | 2.84 | 72 |
| 1J778-20-20 | 1-1/4 | 1-11/16x12 | 1-1/4 | 5.78 | 147 | 0.98 | 25 | 1-7/8 | 3.29 | 84 |
| 1J778-24-24 | 1-1/2 | 2x12 | 1-1/2 | 6.91 | 176 | 1.56 | 40 | 2-1/4 | 4.70 | 119 |

⚠ Refer to Pressure Rating of Hose End Connections chart on page E-43.

# 1J978

## Female Seal-Lok® - Swivel - 90˚ Elbow - Short Drop

ISO 12151-1 - SWES90




| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 1J978-12-12 | 3/4 | 1-3/16x12 | 3/4 | 3.97 | 100 | 1.89 | 48 | 1-3/8 | 2.21 | 56 |
| 1J978-16-16 | 1 | 1-7/16x12 | 1 | 4.62 | 117 | 2.21 | 56 | 1-5/8 | 2.77 | 70 |
| 1J978-20-20 | 1-1/4 | 1-11/16x12 | 1-1/4 | 5.82 | 148 | 2.52 | 64 | 1-7/8 | 3.43 | 87 |
| 1J978-24-24 | 1-1/2 | 2x12 | 1-1/2 | 6.58 | 167 | 2.70 | 69 | 2-1/4 | 4.37 | 111 |

⚠ Refer to Pressure Rating of Hose End Connections chart on page E-43.

See Accessories Section for O-Rings and Flange Kits.

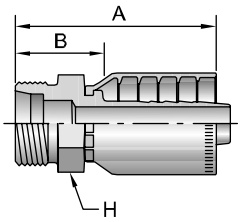


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## 1D278

### Male Metric S - Rigid - (24˚ Cone)

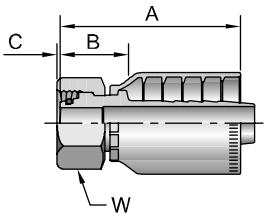
| # Part Number | Thread mm | | Hose I.D. inch | A inch | A mm | H mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|
| 1D278-25-12 | 25 | M36x2 | 3/4 | 3.38 | 86 | 36 | 1.62 | 41 |
| 1D278-30-16 | 30 | M42x2 | 1 | 3.72 | 94 | 46 | 1.87 | 47 |
| 1D278-38-20 | 38 | M52x2 | 1-1/4 | 4.42 | 112 | 55 | 2.03 | 52 |




## 1C978

### Female Metric S - Swivel - (24˚ Cone with O-Ring)

| # Part Number | Thread mm | | Hose I.D. inch | A inch | A mm | C inch | C mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 1C978-25-12 | 25 | M36x2 | 3/4 | 3.12 | 79 | 0.10 | 3 | 46 | 1.36 | 35 |
| 1C978-30-16 | 30 | M42x2 | 1 | 3.40 | 86 | 0.19 | 5 | 50 | 1.55 | 39 |
| 1C978-38-20 | 38 | M52x2 | 1-1/4 | 3.98 | 101 | 0.23 | 6 | 60 | 1.59 | 40 |



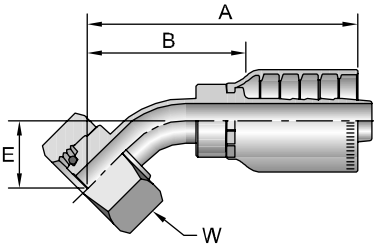

When measuring overall length to the end of the nut, B+C dimensions must be used to calculate cut-off allowance.

## 10C78

### Female Metric S - Swivel - 45˚ Elbow - (24˚ Cone with O-Ring)

ISO 12151-2 - SWE45 - S

| # Part Number | Thread mm | | Hose I.D. inch | A inch | A mm | E inch | E mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 10C78-25-12 | 25 | M36x2 | 3/4 | 4.45 | 113 | 1.14 | 29 | 46 | 2.56 | 65 |
| 10C78-30-16 | 30 | M42x2 | 1 | 5.16 | 131 | 1.34 | 34 | 50 | 3.19 | 81 |
| 10C78-38-20 | 38 | M52x2 | 1-1/4 | 6.44 | 164 | 1.50 | 38 | 60 | 4.05 | 103 |

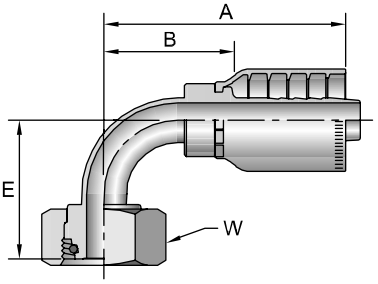



## 11C78

### Female Metric S - Swivel - 90˚ Elbow - (24˚ Cone with O-Ring)

ISO 12151-2 - SWE - S

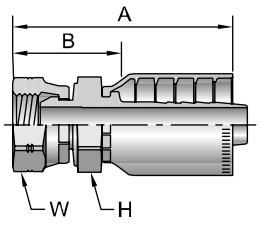
| # Part Number | Thread mm | | Hose I.D. inch | A inch | A mm | E inch | E mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 11C78-25-12 | 25 | M36x2 | 3/4 | 4.12 | 105 | 2.32 | 59 | 46 | 2.36 | 60 |
| 11C78-30-16 | 30 | M42x2 | 1 | 4.71 | 120 | 2.68 | 68 | 50 | 2.86 | 73 |
| 11C78-38-20 | 38 | M52x2 | 1-1/4 | 5.67 | 144 | 2.86 | 73 | 60 | 3.28 | 83 |




## 1GU78

### Female BSP Parallel Pipe - Swivel - (60˚ Cone)

| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | H mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|
| 1GU78-12-12 | 3/4x14 | 3/4 | 3.76 | 96 | 36 | 36 | 2.00 | 51 |
| 1GU78-16-16 | 1x11 | 1 | 4.14 | 105 | 41 | 41 | 2.29 | 58 |




Metric S: Mates with EO "S" Series Fittings. See Accessories Section for O-Rings and Flange Kits.



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A

B

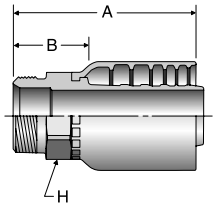
C

D

E

## 101S6

### Male NPTF Pipe - Rigid

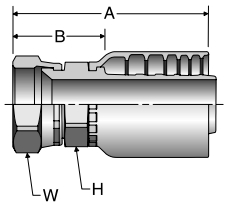



| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | H mm | B inch | B mm |
|---|---|---|---|---|---|---|---|
| 101S6-32-32 | 2 x 11 1/2 | 2 | 5.88 | 149,5 | 2-1/2 | 2.44 | 61,9 |

101S6 is rated at 5,000 psi working pressure.

## 106S6

### Female JIC 37° - Swivel



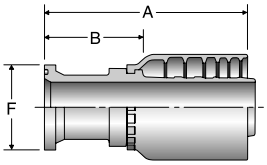

| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | H inch | B inch | B mm |
|---|---|---|---|---|---|---|---|
| 106S6-32-32 | 2 1/2 x 12 | 2 | 6.52 | 165,7 | 2.5 | 3.08 | 78,2 |

106S6 is rated at 5,000 psi working pressure.

## 14AS6

### SAE Code 61 Flange Head - 5,000 psi

ISO 12151-3-S-L (5,000 psi)

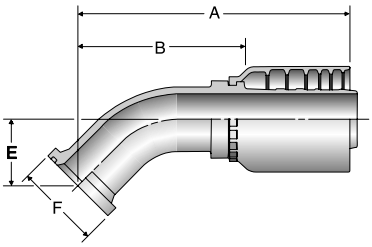



| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | F inch | B inch | B mm | E inch | E mm |
|---|---|---|---|---|---|---|---|---|---|
| 14AS6-32-32 | 2 | 2 | 6.72 | 170,8 | 2-13/16 | 3.28 | 83,3 | - | - |

## 14FS6

### SAE Code 61 Flange Head - 45° Elbow - 5,000 psi

ISO 12151-3-E-45S-L (1 Piece: ISO 12151-3-E45M-L) (5,000 psi)

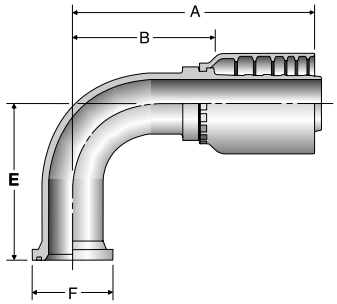



| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | F inch | B inch | B mm | E inch | E mm |
|---|---|---|---|---|---|---|---|---|---|
| 14FS6-32-32 | 2 | 2 | 8.70 | 221,1 | 2-13/16 | 5.26 | 133,6 | 2.205 | 56,0 |

## 14NS6

### SAE Code 61 Flange Head - 90° Elbow - 5,000 psi

ISO 12151-3-E-90S-L (1 Piece: ISO 12151-3-E90M-L) (5,000 psi)




| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | F inch | B inch | B mm | E inch | E mm |
|---|---|---|---|---|---|---|---|---|---|
| 14NS6-32-32 | 2 | 2 | 8.41 | 213,7 | 2-13/16 | 4.97 | 126,2 | 5.433 | 138,0 |



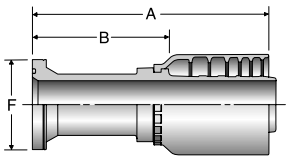
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## 16AS6

**SAE Code 62 Flange Head**

ISO 12151-3-S-S

| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | F inch | B inch | B mm | E inch | E mm |
|---|---|---|---|---|---|---|---|---|---|
| 16AS6-32-32 | 2 | 2 | 8.21 | 208,6 | 3-1/8 | 4.77 | 121,1 | - | - |

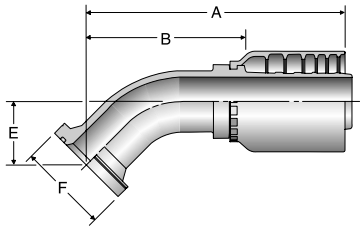



## 16FS6

**SAE Code 62 Flange Head - 45° Elbow**

ISO 12151-3-E45S-S (1 Piece: ISO 1251-3-E45-M-S)

| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | F inch | B inch | B mm | E inch | E mm |
|---|---|---|---|---|---|---|---|---|---|
| 16FS6-32-32 | 2 | 2 | 8.70 | 221,1 | 3-1/8 | 5.26 | 133,6 | 2.205 | 56,0 |

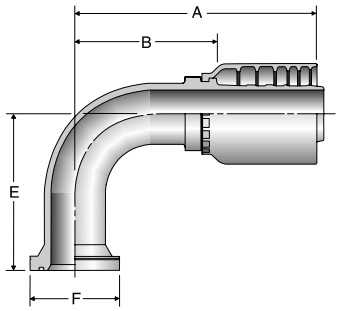



## 16NS6

**SAE Code 62 Flange Head - 90° Elbow**

ISO 12151-3-E90S-S (1 Piece: ISO 1251-3-E90M-S)

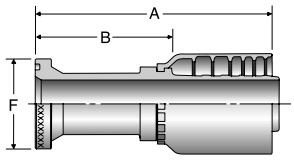
| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | F inch | B inch | B mm | E inch | E mm |
|---|---|---|---|---|---|---|---|---|---|
| 16NS6-32-32 | 2 | 2 | 8.41 | 213,7 | 3-1/8 | 4.97 | 126,2 | 5.43 | 138,0 |




## 1XAS6

**Caterpillar® Flange Head**

| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|
| IXAS6-32-32 | 2 | 2 | 8.21 | 208,6 | 3-1/8 | 4.77 | 121 |

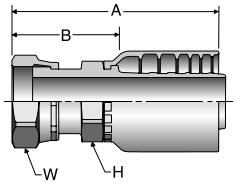



## 1JSS6

**Female Seal-Lok - Swivel - Long**

ISO 12151-1-SWSB

| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | H inch | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 1JSS6-32-32 | 2 | 2-1/2X12 | 2 | 6.46 | 164,2 | 2.5 | 2-7/8 | 3.02 | 76,7 |

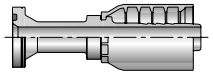
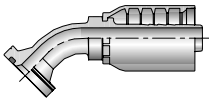
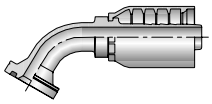
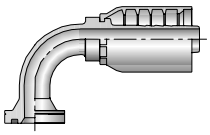
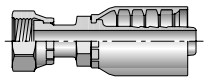
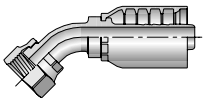
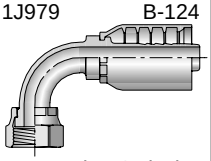
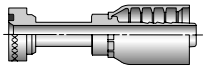
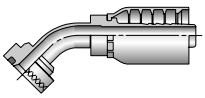
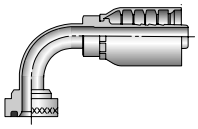







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| | | | | | |
|---|---|---|---|---|---|
| **Code 62 Flange** | 16A79 B-122<br>  <br>*Flange* | 16F79 B-122<br>  <br>*45˚ Elbow* | 16G79 B-122<br>  <br>*60˚ Elbow* | 16N79 B-123<br>  <br>*90˚ Elbow* | **Seal-Lok® (O-Ring Face Seal)** |
| 1JS79 B-123<br>  <br>*Female - Swivel Long* | 1J779 B-123<br>  <br>*Female - Swivel 45˚ Elbow* | 1J979 B-124<br>  <br>*Female - Swivel 90˚ Elbow - Short* | **Flange Head** | 1XA79 B-124<br>  <br>*Flange Head* | 1XF79 B-124<br>  <br>*45˚ Elbow* |
| 1XN79 B-124<br>  <br>*90˚ Elbow* | | | | | |





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A

B

C

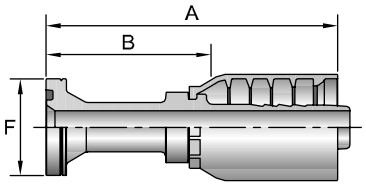
D

E

## 16A79

### SAE Code 62 Flange Head

ISO 12151-3 - S - S

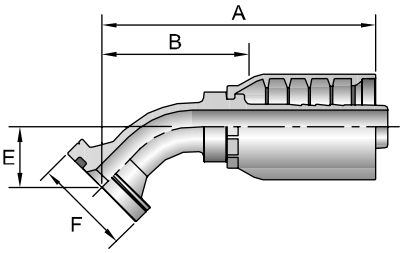



| # Part Number | Flange inch | Hose I.D inch | A inch | A mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|
| 16A79-12-12 | 3/4 | 3/4 | 4.90 | 124 | 1-5/8 | 2.84 | 72 |
| 16A79-16-12 | 1 | 3/4 | 3.88 | 99 | 1-7/8 | 1.82 | 46 |
| 16A79-16-16 | 1 | 1 | 5.48 | 139 | 1-7/8 | 3.31 | 84 |
| 16A79-20-16 | 1-1/4 | 1 | 4.28 | 109 | 2-1/8 | 2.11 | 54 |
| 16A79-20-20 | 1-1/4 | 1-1/4 | 6.09 | 155 | 2-1/8 | 3.41 | 87 |
| 16A79-24-24 | 1-1/2 | 1-1/2 | 7.11 | 181 | 1-1/2 | 4.07 | 103 |

## 16F79

### SAE Code 62 Flange Head - 45° Elbow

ISO 12151-3 - E45S - S (1 Piece: ISO 12151-3 - E45M - S)

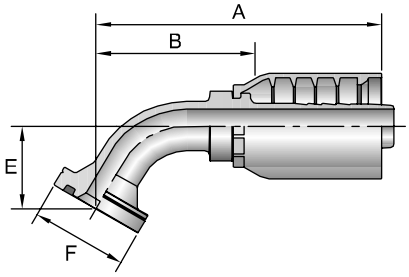



| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 16F79-12-12 | 3/4 | 3/4 | 4.61 | 117 | 1.02 | 26 | 1-5/8 | 2.55 | 65 |
| 16F79-16-16 | 1 | 1 | 5.33 | 135 | 1.26 | 32 | 1-7/8 | 3.16 | 80 |
| 16F79-16-20 | 1 | 1-1/4 | 6.25 | 159 | 1.50 | 38 | 1-7/8 | 3.57 | 91 |
| 16F79-20-16 | 1-1/4 | 1 | 5.33 | 135 | 1.26 | 32 | 2-1/8 | 3.16 | 80 |
| 16F79-20-20 | 1-1/4 | 1-1/4 | 6.77 | 1/2 | 1.50 | 38 | 2-1/8 | 4.09 | 104 |
| 16F79-24-24 | 1-1/2 | 1-1/2 | 7.96 | 202 | 1.73 | 44 | 2-1/2 | 4.07 | 103 |

## 16G79

### SAE Code 62 Flange Head - 60° Elbow

ISO 12151-3 - E60S - S (1 Piece: ISO 12151-3 - E60M - S)




| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 16G79-16-16 | 1 | 1 | 6.18 | 157 | 1.73 | 44 | 1-7/8 | 4.01 | 102 |

See Accessories Section for O-Rings and Flange Kits.



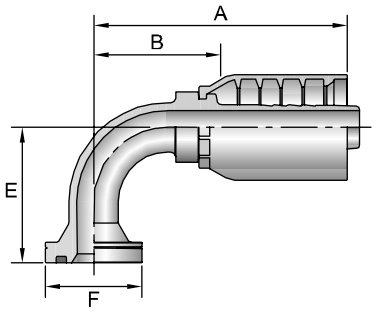
**Hose Products Division**
Parker Hannifin Corporation
Wickliffe, Ohio
www.parkerhose.com

# 16N79

## SAE Code 62 Flange Head - 90˚ Elbow

ISO 12151-3 - E90S - S (1 Piece: ISO 12151-3 - E90M - S)

| # Part Number | Flange inch | Hose I.D. inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 16N79-12-12 | 3/4 | 3/4 | 4.27 | 108 | 2.28 | 58 | 1-5/8 | 2.21 | 56 |
| 16N79-16-12 | 1 | 3/4 | 4.27 | 108 | 2.28 | 58 | 1-7/8 | 2.21 | 56 |
| 16N79-16-16 | 1 | 1 | 4.95 | 126 | 2.76 | 70 | 1-7/8 | 2.78 | 71 |
| 16N79-20-16 | 1-1/4 | 1 | 4.95 | 126 | 2.76 | 70 | 2-1/8 | 2.78 | 71 |
| 16N79-20-20 | 1-1/4 | 1-1/4 | 6.31 | 160 | 3.54 | 90 | 2-1/8 | 3.63 | 92 |
| 16N79-24-24 | 1-1/2 | 1-1/2 | 7.50 | 190 | 4.09 | 104 | 2-1/2 | 4.46 | 113 |

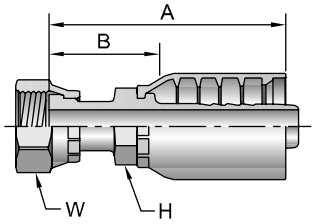



# 1JS79

## Female Seal-Lok® - Swivel - Long

ISO 12151-1 - SWSB

| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | H inch | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 1JS79-12-12 | 3/4 | 1-3/16x12 | 3/4 | 3.99 | 101 | 1-1/8 | 1-3/8 | 1.93 | 49 |
| 1JS79-16-12 | 1 | 1-7/16x12 | 3/4 | 4.26 | 108 | 1-3/8 | 1-5/8 | 2.20 | 56 |
| 1JS79-16-16 | 1 | 1-7/16x12 | 1 | 4.45 | 113 | 1-3/8 | 1-5/8 | 2.28 | 58 |
| 1JS79-20-16 | 1-1/4 | 1-11/16x12 | 1 | 4.32 | 110 | 1-3/4 | 1-7/8 | 2.15 | 55 |
| 1JS79-20-20 | 1-1/4 | 1-11/16x12 | 1-1/4 | 5.00 | 127 | 1-3/4 | 1-7/8 | 2.32 | 59 |
| 1JS79-24-24 | 1-1/2 | 2x12 | 1-1/2 | 5.28 | 134 | 2 | 2-1/4 | 2.24 | 57 |



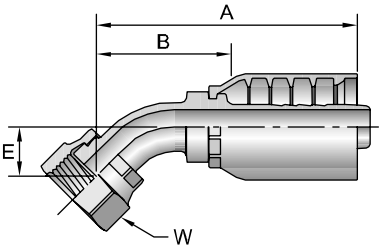

⚠ Refer to Pressure Rating of Hose End Connections chart on page E-43.

# 1J779

## Female Seal-Lok® - Swivel - 45˚ Elbow

ISO 12151-1 - SWE45

| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 1J779-12-12 | 3/4 | 1-3/16x12 | 3/4 | 4.40 | 112 | 0.83 | 21 | 1-3/8 | 2.34 | 59 |
| 1J779-16-16 | 1 | 1-7/16x12 | 1 | 5.01 | 127 | 0.94 | 24 | 1-5/8 | 2.84 | 72 |
| 1J779-20-20 | 1-1/4 | 1-11/16x12 | 1-1/4 | 6.15 | 156 | 1.00 | 25 | 1-7/8 | 3.49 | 89 |




⚠ Refer to Pressure Rating of Hose End Connections chart on page E-43.

See Accessories Section for O-Rings and Flange Kits.





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A

B

C

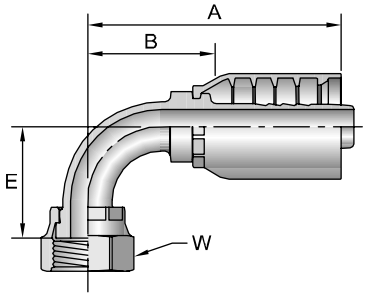
D

E

## 1J979

### Female Seal-Lok® - Swivel - 90˚ Elbow - Short Drop

ISO - 12151-1 - SWES90

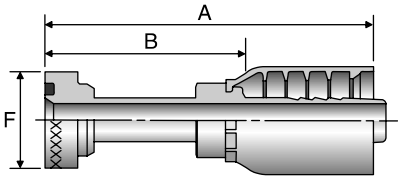



| # Part Number | Thread inch | | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 1J979-12-12 | 3/4 | 1-3/16x12 | 3/4 | 4.27 | 108 | 1.88 | 48 | 1-3/8 | 2.21 | 56 |
| 1J979-16-16 | 1 | 1-7/16x12 | 1 | 4.95 | 126 | 2.21 | 56 | 1-5/8 | 2.78 | 71 |
| 1J979-20-20 | 1-1/4 | 1-11/16x12 | 1-1/4 | 6.20 | 157 | 2.52 | 64 | 1-7/8 | 3.52 | 89 |

⚠ Refer to Pressure Rating of Hose End Connections chart on page E-43

## 1XA79

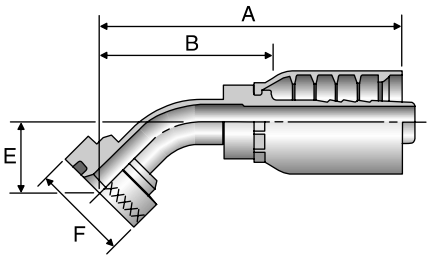
### Caterpillar® Flange Head




| # Part Number | Flange inch | Hose I.D inch | A inch | A mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|
| 1XA79-12-12 | 3/4 | 3/4 | 4.89 | 124 | 1-5/8 | 2.83 | 72 |
| 1XA79-16-16 | 1 | 1 | 5.75 | 146 | 1-7/8 | 3.59 | 91 |
| 1XA79-20-16 | 1-1/4 | 1 | 4.32 | 110 | 2-1/8 | 2.15 | 55 |
| 1XA79-20-20 | 1-1/4 | 1-1/4 | 6.25 | 159 | 2-1/8 | 3.57 | 91 |
| 1XA79-24-24 | 1-1/2 | 1-1/2 | 7.17 | 182 | 2-1/2 | 4.13 | 105 |

## 1XF79

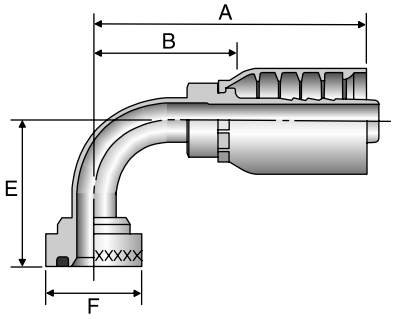
### Caterpillar® Flange Head - 45˚ Elbow




| # Part Number | Flange inch | Hose I.D inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 1XF79-12-12 | 3/4 | 3/4 | 4.80 | 122 | 1.22 | 31 | 1-5/8 | 2.74 | 70 |
| 1XF79-16-16 | 1 | 1 | 5.49 | 139 | 1.42 | 36 | 1-7/8 | 3.32 | 84 |
| 1XF79-20-16 | 1-1/4 | 1 | 5.49 | 139 | 1.42 | 36 | 2-1/8 | 3.32 | 84 |
| 1XF79-20-20 | 1-1/4 | 1-1/4 | 6.72 | 171 | 1.44 | 37 | 2-1/8 | 4.04 | 103 |

## 1XN79

### Caterpillar® Flange Head - 90˚ Elbow




| # Part Number | Flange inch | Hose I.D inch | A inch | A mm | E inch | E mm | F inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 1XN79-12-12 | 3/4 | 3/4 | 4.27 | 108 | 2.48 | 63 | 1-5/8 | 2.21 | 56 |
| 1XN79-16-16 | 1 | 1 | 4.94 | 125 | 2.91 | 74 | 1-7/8 | 2.78 | 71 |
| 1XN79-20-16 | 1-1/4 | 1 | 4.94 | 125 | 2.91 | 74 | 2-1/8 | 2.78 | 71 |
| 1XN79-20-20 | 1-1/4 | 1-1/4 | 6.31 | 160 | 3.70 | 94 | 2-1/8 | 3.63 | 92 |
| 1XN79-24-24 | 1-1/2 | 1-1/2 | 7.50 | 191 | 4.16 | 106 | 2-1/2 | 4.46 | 113 |

See Accessories Section for O-Rings and Flange Kits.



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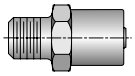
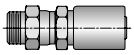
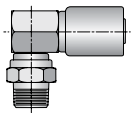
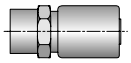
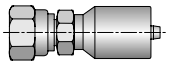
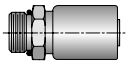
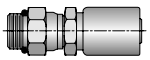
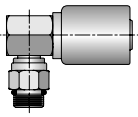
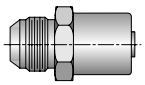
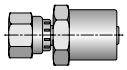
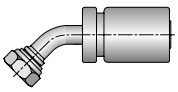
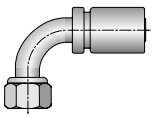
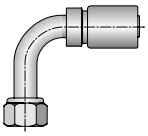
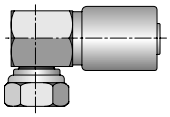
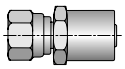
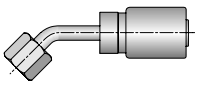
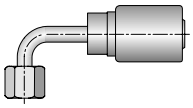
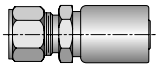
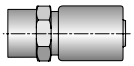
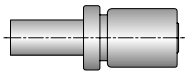
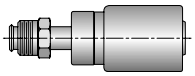
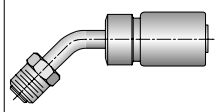
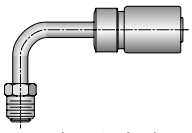
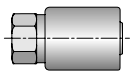
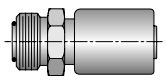
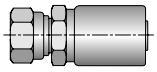
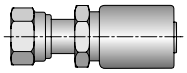
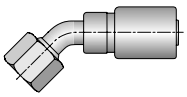
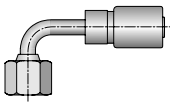
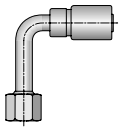
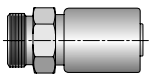
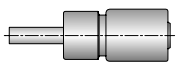
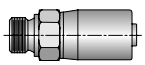
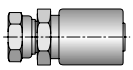
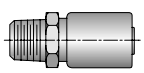
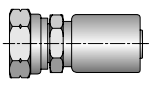
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|---|---|---|---|---|---|
| **NPTF Pipe** | 101HY B-127<br>  <br>*Male - Rigid* | 113HY B-127<br>  <br>*Male - Swivel* | 11LHY B-128<br>  <br>*Male - Swivel 90˚ Elbow* | 102HY B-128<br>  <br>*Female - Rigid* | **NPSM Pipe** |
| 107HY B-128<br>  <br>*Female - Swivel (60˚ Cone)* | **Straight Thread** | 105HY B-129<br>  <br>*Male - Rigid* | 10GHY B-129<br>  <br>*Male - Swivel* | 10LHY B-130<br>  <br>*Swivel - Swivel 90˚ Elbow* | **JIC 37˚** |
| 103HY B-130<br>  <br>*Male - Rigid* | 106HY B-131<br>  <br>*Female - Swivel* | 137HY B-132<br>  <br>*Female - Swivel 45˚ Elbow - Short* | 139HY B-132<br>  <br>*Female - Swivel 90˚ Elbow - Short* | 141HY B-133<br>  <br>*Female - Swivel 90˚ Elbow - Long* | 193HY B-133<br>  <br>*Female - Swivel 90˚ Elbow - Block* |
| **SAE 45˚** | 108HY B-133<br>  <br>*Female - Swivel* | 177HY B-134<br>  <br>*Female - Swivel 45˚ Elbow* | 179HY B-134<br>  <br>*Female - Swivel 90˚ Elbow* | **Flareless** | 111HY B-134<br>  <br>*Male - Rigid* |
| **Grease Connection** | 1GJHY B-134<br>  <br>*Female - Rigid* | **Standpipe** | 134HY B-135<br>  <br>*Male Standpipe Rigid* | **Inverted Flare** | 128HY B-135<br>  <br>*Male - Swivel* |
| 167HY B-135<br>  <br>*Male - Swivel 45˚ Elbow* | 169HY B-136<br>  <br>*Male - Swivel 90˚ Elbow* | 129HY B-136<br>  <br>*Female - Rigid* | **Seal-Lok® (O-Ring Face Seal)** | 1J0HY B-136<br>  <br>*Male - Rigid w/O-Ring* | 1JCHY B-136<br>  <br>*Female - Swivel Short* |
| 1JSHY B-137<br>  <br>*Female - Swivel Long* | 1J7HY B-137<br>  <br>*Female - Swivel 45˚ Elbow* | 1J9HY B-138<br>  <br>*Female - Swivel 90˚ Elbow - Short* | 1J1HY B-138<br>  <br>*Female - Swivel 90˚ Elbow - Long* | **Metric L & S** | 1D0HY B-139<br>  <br>*Male - Rigid* |
| 13DHY B-139<br>  <br>*Male Standpipe Rigid* | **BSP** | 1D9HY B-139<br>  <br>*Male - Rigid* | 1GUHY B-140<br>  <br>*Female - Swivel* | 1UTHY B-140<br>  <br>*Male - Rigid* | 1XUHY B-140<br>  <br>*Female - Metric Swivel* |

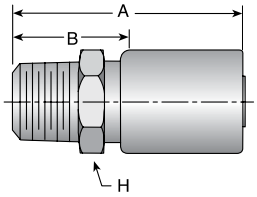


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# 101HY

## Male NPTF Pipe - Rigid

| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | H inch | B inch | B mm | Additional Material Stainless Steel (C303) |
|---|---|---|---|---|---|---|---|---|
| 101HY-2-4 | 1/8x27 | 1/4 | 2.34 | 59 | 5/8 | 1.00 | 25 | |
| 101HY-4-4 | 1/4x18 | 1/4 | 2.53 | 64 | 9/16 | 1.19 | 30 | |
| 101HY-4-5 | 1/4x18 | 5/16 | 2.56 | 65 | 11/16 | 1.22 | 31 | |
| 101HY-4-6 | 1/4x18 | 3/8 | 2.55 | 65 | 11/16 | 1.19 | 30 | |
| 101HY-6-4 | 3/8x18 | 1/4 | 2.53 | 64 | 3/4 | 1.19 | 30 | |
| 101HY-6-5 | 3/8x18 | 5/16 | 2.56 | 65 | 3/4 | 1.22 | 31 | |
| 101HY-6-6 | 3/8x18 | 3/8 | 2.55 | 65 | 3/4 | 1.19 | 30 | • |
| 101HY-6-8 | 3/8x18 | 1/2 | 2.72 | 69 | 7/8 | 1.38 | 35 | |
| 101HY-8-4 | 1/2x14 | 1/4 | 2.72 | 69 | 7/8 | 1.38 | 35 | |
| 101HY-8-6 | 1/2x14 | 3/8 | 2.73 | 69 | 7/8 | 1.38 | 35 | |
| 101HY-8-7 | 1/2x14 | 13/32 | 2.73 | 69 | 7/8 | 1.38 | 35 | |
| 101HY-8-8 | 1/2x14 | 1/2 | 2.91 | 74 | 7/8 | 1.41 | 40 | • |
| 101HY-8-10 | 1/2x14 | 5/8 | 2.94 | 75 | 1-1/8 | 1.59 | 40 | |
| 101HY-8-12 | 1/2x14 | 3/4 | 3.08 | 78 | 1-1/4 | 1.50 | 38 | |
| 101HY-12-8 | 3/4x14 | 1/2 | 2.91 | 74 | 1-1/16 | 1.56 | 40 | |
| 101HY-12-10 | 3/4x14 | 5/8 | 2.98 | 76 | 1-1/8 | 1.59 | 40 | |
| 101HY-12-12 | 3/4x14 | 3/4 | 3.08 | 78 | 1-1/4 | 1.50 | 38 | • |
| 101HY-12-16 | 3/4x14 | 1 | 3.23 | 82 | 1-3/8 | 1.63 | 41 | |
| 101HY-16-12 | 1x11-1/2 | 3/4 | 3.27 | 83 | 1-3/8 | 1.69 | 43 | |
| 101HY-16-14 | 1x11-1/2 | 7/8 | 3.27 | 83 | 1-3/8 | 1.78 | 43 | |
| 101HY-16-16 | 1x11-1/2 | 1 | 3.42 | 87 | 1-3/8 | 1.81 | 46 | • |
| 101HY-20-20 | 1-1/4x11-1/2 | 1-1/4 | 3.84 | 98 | 1-3/4 | 2.00 | 51 | |

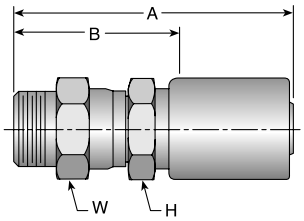



Stainless steel fittings must be assembled with Karrykrimp 2, Phastkrimp, Superkrimp or Parkrimp 2. See CrimpSource for more information.

# 113HY

## Male NPTF Pipe - Swivel

| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | H inch | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|
| 113HY-2-4 | 1/8x27 | 1/4 | 2.97 | 75 | 9/16 | 5/8 | 1.63 | 41 |
| 113HY-4-4 | 1/4x18 | 1/4 | 3.06 | 78 | 9/16 | 5/8 | 1.72 | 44 |
| 113HY-4-6 | 1/4x18 | 3/8 | 3.17 | 81 | 11/16 | 11/16 | 1.81 | 46 |
| 113HY-6-4 | 3/8x18 | 1/4 | 3.13 | 80 | 5/8 | 11/16 | 1.78 | 45 |
| 113HY-6-6 | 3/8x18 | 3/8 | 3.11 | 79 | 11/16 | 11/16 | 1.75 | 44 |
| 113HY-6-8 | 3/8x18 | 1/2 | 3.31 | 84 | 7/8 | 7/8 | 1.97 | 50 |
| 113HY-8-6 | 1/2x14 | 3/8 | 3.38 | 86 | 7/8 | 7/8 | 2.03 | 52 |
| 113HY-8-8 | 1/2x14 | 1/2 | 3.50 | 89 | 7/8 | 7/8 | 2.16 | 55 |
| 113HY-12-12 | 3/4x14 | 3/4 | 3.95 | 100 | 1-1/4 | 1-1/4 | 2.38 | 60 |
| 113HY-16-16 | 1x11-1/2 | 1 | 4.23 | 107 | 1-1/2 | 1-1/2 | 2.63 | 67 |




Fitting allows minor movement under pressure to relieve stress on hose but is not to be used for continuous swiveling.
See Technical Section for Pressure Limitations.





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A

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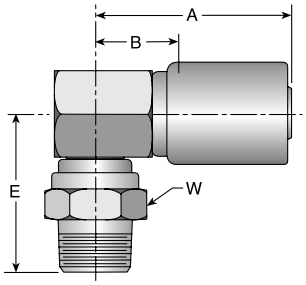
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## 11LHY

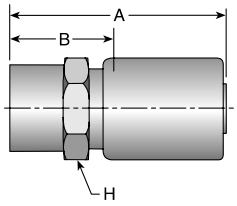
### Male NPTF Pipe - Swivel - 90˚ Elbow




| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 11LHY-2-4 | 1/8x27 | 1/4 | 2.31 | 59 | 1.50 | 38 | 5/8 | 0.97 | 25 |
| 11LHY-4-4 | 1/4x18 | 1/4 | 2.31 | 59 | 1.69 | 43 | 11/16 | 0.97 | 25 |
| 11LHY-4-6 | 1/4x18 | 3/8 | 2.33 | 59 | 1.69 | 43 | 11/16 | 0.97 | 25 |
| 11LHY-6-4 | 3/8x18 | 1/4 | 2.31 | 59 | 1.63 | 41 | 11/16 | 0.97 | 25 |
| 11LHY-6-6 | 3/8x8 | 3/8 | 2.33 | 59 | 1.63 | 41 | 11/16 | 0.97 | 25 |
| 11LHY-8-6 | 1/2x14 | 3/8 | 2.73 | 69 | 1.88 | 48 | 7/8 | 0.97 | 25 |
| 11LHY-8-8 | 1/2x14 | 1/2 | 3.00 | 76 | 1.93 | 49 | 7/8 | 1.09 | 28 |

## 102HY

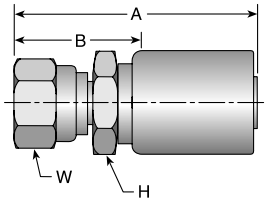
### Female NPTF Pipe - Rigid




| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | H inch | B inch | B mm |
|---|---|---|---|---|---|---|---|
| 102HY-2-4 | 1/8x27 | 1/4 | 2.34 | 59 | 5/8 | 1.00 | 25 |
| 102HY-4-4 | 1/4x18 | 1/4 | 2.47 | 63 | 11/16 | 1.13 | 29 |
| 102HY-4-6 | 1/4x18 | 3/8 | 2.48 | 63 | 11/16 | 1.13 | 29 |
| 102HY-6-4 | 3/8x18 | 1/4 | 2.47 | 63 | 7/8 | 1.13 | 29 |
| 102HY-6-6 | 3/8x18 | 3/8 | 2.48 | 63 | 7/8 | 1.13 | 29 |
| 102HY-8-6 | 1/2x14 | 3/8 | 2.75 | 70 | 1 | 1.41 | 36 |
| 102HY-8-8 | 1/2x14 | 1/2 | 2.84 | 72 | 1 | 1.50 | 38 |
| 102HY-12-12 | 3/4x14 | 3/4 | 2.83 | 72 | 1-1/4 | 1.25 | 32 |
| 102HY-16-16 | 1x11-1/2 | 1 | 3.27 | 83 | 1-1/2 | 1.66 | 42 |

## 107HY

### Female NPSM Pipe - Swivel - (60˚ Cone)




| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | H inch | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|
| 107HY-4-4 | 1/4x18 | 1/4 | 2.66 | 68 | 9/16 | 11/16 | 1.31 | 33 |
| 107HY-6-4 | 3/8x18 | 1/4 | 2.72 | 69 | 3/4 | 7/8 | 1.38 | 35 |
| 107HY-6-6 | 3/8x18 | 3/8 | 2.55 | 65 | 3/4 | 7/8 | 1.19 | 30 |
| 107HY-8-8 | 1/2x14 | 1/2 | 2.91 | 74 | 1 | 1 | 1.56 | 40 |
| 107HY-12-8 | 3/4x14 | 1/2 | 3.05 | 77 | 1-1/4 | 1-1/4 | 1.69 | 43 |
| 107HY-12-12 | 3/4x14 | 3/4 | 3.22 | 82 | 1-1/4 | 1-1/4 | 1.66 | 42 |
| 107HY-16-16 | 1x11-1/2 | 1 | 3.39 | 86 | 1-3/8 | 1-1/2 | 1.78 | 45 |

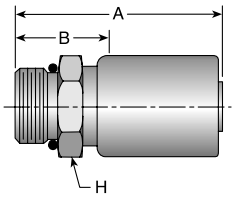


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# 105HY

## Male SAE Straight Thread with O-Ring - Rigid

| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | H inch | B inch | B mm |
|---|---|---|---|---|---|---|---|
| 105HY-4-4 | 7/16x20 | 1/4 | 2.33 | 59 | 9/16 | 0.97 | 25 |
| 105HY-5-4 | 1/2x20 | 1/4 | 2.33 | 59 | 5/8 | 0.97 | 25 |
| 105HY-6-4 | 9/16x18 | 1/4 | 2.42 | 61 | 11/16 | 1.06 | 27 |
| 105HY-6-6 | 9/16x18 | 3/8 | 2.38 | 60 | 11/16 | 1.03 | 26 |
| 105HY-8-6 | 3/4x16 | 3/8 | 2.42 | 61 | 7/8 | 1.06 | 27 |
| 105HY-8-8 | 3/4x16 | 1/2 | 2.59 | 66 | 7/8 | 1.25 | 32 |
| 105HY-10-6 | 7/8x14 | 3/8 | 2.55 | 65 | 1 | 1.19 | 30 |
| 105HY-10-8 | 7/8x14 | 1/2 | 2.66 | 68 | 1 | 1.31 | 33 |
| 105HY-10-10 | 7/8x14 | 5/8 | 2.80 | 71 | 1-1/8 | 1.41 | 36 |
| 105HY-12-8 | 1-1/16x12 | 1/2 | 2.81 | 71 | 1-1/4 | 1.47 | 37 |
| 105HY-12-10 | 1-1/16x12 | 5/8 | 2.83 | 72 | 1-1/4 | 1.44 | 37 |
| 105HY-12-12 | 1-1/16x12 | 3/4 | 2.92 | 74 | 1-1/4 | 1.34 | 34 |
| 105HY-16-12 | 1-5/16x12 | 3/4 | 2.92 | 74 | 1-1/2 | 1.34 | 34 |
| 105HY-16-16 | 1-5/16x12 | 1 | 3.08 | 78 | 1-1/2 | 1.47 | 37 |

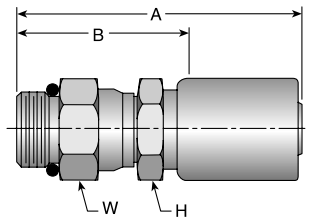



# 10GHY

## Male SAE Straight Thread with O-Ring - Swivel

| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | H inch | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|
| 10GHY-4-4 | 7/16x20 | 1/4 | 3.00 | 76 | 9/16 | 5/8 | 1.66 | 42 |
| 10GHY-5-4 | 1/2x20 | 1/4 | 3.00 | 76 | 9/16 | 5/8 | 1.66 | 42 |
| 10GHY-6-4 | 9/16x18 | 1/4 | 3.16 | 80 | 5/8 | 11/16 | 1.81 | 46 |
| 10GHY-6-6 | 9/16x18 | 3/8 | 3.14 | 80 | 11/16 | 11/16 | 1.78 | 45 |
| 10GHY-8-6 | 3/4x16 | 3/8 | 3.24 | 82 | 13/16 | 7/8 | 1.88 | 48 |
| 10GHY-8-8 | 3/4x16 | 1/2 | 3.36 | 85 | 7/8 | 7/8 | 2.00 | 51 |
| 10GHY-10-8 | 7/8x14 | 1/2 | 3.44 | 87 | 1 | 1 | 2.09 | 53 |
| 10GHY-12-8 | 1-1/16x12 | 1/2 | 3.66 | 93 | 1-1/4 | 1-1/4 | 2.31 | 59 |
| 10GHY-12-12 | 1-1/16x12 | 3/4 | 3.89 | 99 | 1-1/4 | 1-1/4 | 2.31 | 59 |
| 10GHY-16-16 | 1-5/16x12 | 1 | 3.95 | 100 | 1-3/8 | 1-1/2 | 2.34 | 59 |

Fitting allows minor movement under pressure to relieve stress on hose but is not to be used on extensive or continuous swiveling.




O-Ring not compatible with Phosphate Ester fluids.



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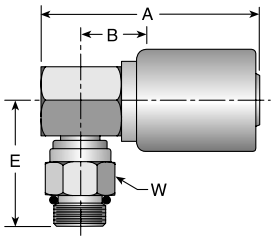
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# 10LHY

## Male SAE Straight Thread with O-Ring - Swivel - 90˚ Elbow

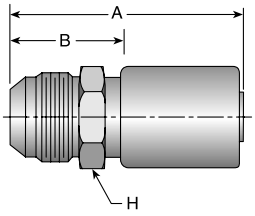



| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 10LHY-4-4 | 7/16x20 | 1/4 | 2.31 | 59 | 1.63 | 41 | 11/16 | 0.97 | 25 |
| 10LHY-6-4 | 9/16x18 | 1/4 | 2.31 | 59 | 1.66 | 42 | 7/8 | 0.97 | 25 |
| 10LHY-6-6 | 9/16x18 | 3/8 | 2.33 | 59 | 1.66 | 42 | 11/16 | 0.97 | 25 |
| 10LHY-8-4 | 3/4x16 | 1/4 | 2.31 | 59 | 1.75 | 44 | 7/8 | 0.94 | 24 |
| 10LHY-8-6 | 3/4x16 | 3/8 | 2.33 | 59 | 1.73 | 44 | 7/8 | 0.97 | 25 |
| 10LHY-8-8 | 3/4x16 | 1/2 | 3.00 | 76 | 1.80 | 46 | 7/8 | 1.09 | 28 |
| 10LHY-10-8 | 7/8x14 | 1/2 | 3.00 | 76 | 1.88 | 48 | 1 | 1.09 | 28 |
| 10LHY-12-12 | 1-1/16x12 | 3/4 | 2.77 | 70 | 2.23 | 57 | 1-1/4 | 1.19 | 30 |

Fitting allows minor movement under pressure to relieve stress on hose but is not to be used on extensive or continuous swiveling.

# 103HY

## Male JIC 37˚ - Rigid




| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | H inch | B inch | B mm |
|---|---|---|---|---|---|---|---|
| 103HY-4-4 | 7/16x20 | 1/4 | 2.52 | 64 | 5/8 | 1.19 | 30 |
| 103HY-5-4 | 1/2x20 | 1/4 | 2.52 | 64 | 5/8 | 1.19 | 30 |
| 103HY-6-4 | 9/16x18 | 1/4 | 2.53 | 64 | 11/16 | 1.19 | 30 |
| 103HY-6-5 | 9/16x18 | 5/16 | 2.56 | 65 | 11/16 | 1.22 | 31 |
| 103HY-6-6 | 9/16x18 | 3/8 | 2.54 | 65 | 11/16 | 1.19 | 30 |
| 103HY-6-8 | 9/16x18 | 1/2 | 2.72 | 69 | 7/8 | 1.38 | 35 |
| 103HY-8-6 | 3/4x16 | 3/8 | 2.64 | 67 | 13/16 | 1.28 | 33 |
| 103HY-8-8 | 3/4x16 | 1/2 | 2.81 | 71 | 7/8 | 1.47 | 37 |
| 103HY-10-6 | 7/8x14 | 3/8 | 2.81 | 71 | 1 | 1.47 | 37 |
| 103HY-10-8 | 7/8x14 | 1/2 | 2.91 | 74 | 1 | 1.56 | 40 |
| 103HY-10-10 | 7/8x14 | 5/8 | 2.98 | 76 | 1-1/8 | 1.59 | 40 |
| 103HY-10-12 | 7/8x14 | 3/4 | 3.08 | 78 | 1-1/4 | 1.50 | 38 |
| 103HY-12-8 | 1-1/16x12 | 1/2 | 3.02 | 77 | 1-1/8 | 1.66 | 42 |
| 103HY-12-10 | 1-1/16x12 | 5/8 | 3.09 | 78 | 1-1/8 | 1.72 | 44 |
| 103HY-12-12 | 1-1/16x12 | 3/4 | 3.19 | 81 | 1-1/4 | 1.63 | 41 |
| 103HY-14-12 | 1-3/16x12 | 3/4 | 3.19 | 81 | 1-1/4 | 1.63 | 41 |
| 103HY-16-12 | 1-5/16x12 | 3/4 | 3.23 | 82 | 1-3/8 | 1.66 | 42 |
| 103HY-16-16 | 1-5/16x12 | 1 | 3.39 | 86 | 1-3/8 | 1.78 | 45 |
| 103HY-20-16 | 1-5/8x12 | 1 | 3.44 | 87 | 1-3/4 | 1.81 | 46 |
| 103HY-20-20 | 1-5/8x12 | 1-1/4 | 3.83 | 97 | 1-3/4 | 2.00 | 51 |

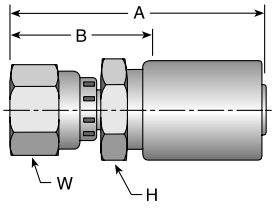


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# 106HY

## Female JIC 37° - Swivel

| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | H inch | W inch | B inch | B mm | Additional Material Stainless Steel (C303) |
|---|---|---|---|---|---|---|---|---|---|
| 106HY-3-4 | 3/8x24 | 1/4 | 2.58 | 66 | 9/16 | 1/2 | 1.22 | 31 | |
| 106HY-4-4 | 7/16x20 | 1/4 | 2.60 | 66 | 9/16 | 9/16 | 1.25 | 32 | • |
| 106HY-4-6 | 7/16x20 | 3/8 | 2.67 | 68 | 3/4 | 9/16 | 1.31 | 33 | |
| 106HY-5-4 | 1/2x20 | 1/4 | 2.65 | 67 | 9/16 | 5/8 | 1.31 | 33 | |
| 106HY-5-5 | 1/2x20 | 5/16 | 2.69 | 68 | 5/8 | 5/8 | 1.34 | 34 | |
| 106HY-5-6 | 1/2x20 | 3/8 | 2.73 | 69 | 3/4 | 5/8 | 1.38 | 35 | |
| 106HY-6-4 | 9/16x18 | 1/4 | 2.67 | 68 | 9/16 | 11/16 | 1.31 | 33 | |
| 106HY-6-5 | 9/16x18 | 5/16 | 2.70 | 69 | 5/8 | 11/16 | 1.34 | 34 | |
| 106HY-6-6 | 9/16x18 | 3/8 | 2.69 | 68 | 11/16 | 11/16 | 1.34 | 34 | • |
| 106HY-8-6 | 3/4x16 | 3/8 | 2.72 | 69 | 7/8 | 7/8 | 1.38 | 35 | |
| 106HY-8-8 | 3/4x16 | 1/2 | 2.90 | 74 | 7/8 | 7/8 | 1.41 | 40 | • |
| 106HY-8-10 | 3/4x16 | 5/8 | 2.98 | 76 | 1-1/8 | 7/8 | 1.59 | 40 | |
| 106HY-8-12 | 3/4x16 | 3/4 | 3.08 | 78 | 1-1/4 | 7/8 | 1.53 | 39 | |
| 106HY-10-6 | 7/8x14 | 3/8 | 2.81 | 71 | 7/8 | 1 | 1.47 | 37 | |
| 106HY-10-8 | 7/8x14 | 1/2 | 2.98 | 76 | 1 | 1 | 1.63 | 41 | |
| 106HY-10-10 | 7/8x14 | 5/8 | 3.06 | 78 | 1-1/8 | 1 | 1.69 | 43 | |
| 106HY-10-12 | 7/8x14 | 3/4 | 3.16 | 80 | 1-1/4 | 1 | 1.59 | 40 | |
| 106HY-12-6 | 1-1/16x12 | 3/8 | 3.00 | 76 | 1-1/8 | 1-1/4 | 1.66 | 42 | |
| 106HY-12-8 | 1-1/16x12 | 1/2 | 3.05 | 77 | 1-1/8 | 1-1/4 | 1.69 | 43 | |
| 106HY-12-10 | 1-1/16x12 | 5/8 | 3.12 | 79 | 1-1/8 | 1-1/4 | 1.75 | 44 | |
| 106HY-12-12 | 1-1/16x12 | 3/4 | 3.22 | 82 | 1-1/4 | 1-1/4 | 1.66 | 42 | • |
| 106HY-12-16 | 1-1/16x12 | 1 | 3.38 | 86 | 1-3/8 | 1-1/4 | 1.75 | 44 | |
| 106HY-14-12 | 1-3/16x12 | 3/4 | 3.23 | 82 | 1-1/4 | 1 3/8 | 1.66 | 42 | |
| 106HY-16-12 | 1-5/16x12 | 3/4 | 3.30 | 84 | 1-3/8 | 1-1/2 | 1.72 | 44 | |
| 106HY-16-14 | 1-5/16x12 | 7/8 | 3.30 | 84 | 1-3/8 | 1-1/2 | 1.72 | 44 | |
| 106HY-16-16 | 1-5/16x12 | 1 | 3.45 | 88 | 1-3/8 | 1-1/2 | 1.84 | 47 | • |
| 106HY-16-20 | 1-5/16x12 | 1-1/4 | 3.84 | 98 | 1-3/4 | 1-1/2 | 2.00 | 51 | |
| 106HY-20-16 | 1-5/8x12 | 1 | 3.70 | 94 | 1-3/4 | 2 | 2.09 | 53 | |
| 106HY-20-20 | 1-5/8x12 | 1-1/4 | 4.09 | 104 | 2 | 2 | 2.25 | 57 | |




Stainless steel fittings must be assembled with Karrykrimp 2, PHastkrimp, Superkrimp or Parkrimp 2. See CrimpSource for more information.





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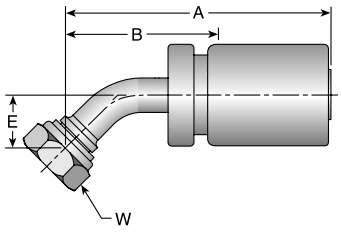
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## 137HY

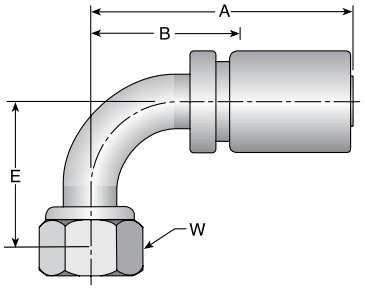
### Female JIC 37˚ - Swivel - 45˚ Elbow - Short Drop




| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 137HY-4-4 | 7/16x20 | 1/4 | 2.59 | 66 | 0.39 | 10 | 9/16 | 1.32 | 34 |
| 137HY-5-4 | 1/2x20 | 1/4 | 3.27 | 83 | 0.36 | 9 | 5/8 | 1.91 | 49 |
| 137HY-6-4 | 9/16x18 | 1/4 | 2.70 | 69 | 0.43 | 10 | 3/4 | 1.43 | 36 |
| 137HY-6-5 | 9/16x18 | 5/16 | 3.34 | 85 | 0.39 | 11 | 11/16 | 2.00 | 51 |
| 137HY-6-6 | 9/16x18 | 3/8 | 2.72 | 69 | 0.43 | 11 | 11/16 | 1.44 | 37 |
| 137HY-8-6 | 3/4x16 | 3/8 | 2.88 | 73 | 0.58 | 15 | 7/8 | 1.60 | 41 |
| 137HY-8-8 | 3/4x16 | 1/2 | 3.10 | 79 | 0.59 | 15 | 7/8 | 1.81 | 46 |
| 137HY-10-8 | 7/8x14 | 1/2 | 3.20 | 81 | 0.63 | 16 | 1 | 1.91 | 49 |
| 137HY-10-10 | 7/8x14 | 5/8 | 3.29 | 84 | 0.63 | 16 | 1 | 1.93 | 49 |
| 137HY-12-10 | 1-1/16x12 | 5/8 | 3.94 | 100 | 0.77 | 20 | 1-1/8 | 2.56 | 65 |
| 137HY-12-12 | 1-1/16x12 | 3/4 | 3.82 | 97 | 0.83 | 21 | 1-1/4 | 2.29 | 58 |
| 137HY-16-12 | 1-5/16x12 | 3/4 | 4.35 | 110 | 0.89 | 23 | 1-1/2 | 2.78 | 71 |
| 137HY-16-16 | 1-5/16x12 | 1 | 4.31 | 109 | 0.89 | 23 | 1-1/2 | 2.69 | 68 |

## 139HY

### Female JIC 37˚ - Swivel - 90˚ Elbow - Short Drop




| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 139HY-4-4 | 7/16x20 | 1/4 | 2.40 | 61 | 0.83 | 21 | 9/16 | 1.13 | 29 |
| 139HY-5-4 | 1/2x20 | 1/4 | 2.50 | 64 | 0.83 | 21 | 5/8 | 1.23 | 31 |
| 139HY-6-4 | 9/16x18 | 1/4 | 2.65 | 67 | 0.91 | 23 | 3/4 | 1.38 | 35 |
| 139HY-6-5 | 9/16x18 | 5/16 | 3.25 | 83 | 0.86 | 22 | 11/16 | 1.91 | 49 |
| 139HY-6-6 | 9/16x18 | 3/8 | 2.57 | 65 | 0.91 | 23 | 11/16 | 1.29 | 33 |
| 139HY-6-8 | 9/16x18 | 1/2 | 3.41 | 87 | 0.86 | 22 | 11/16 | 2.06 | 52 |
| 139HY-8-6 | 3/4x16 | 3/8 | 2.64 | 67 | 1.14 | 29 | 7/8 | 1.37 | 35 |
| 139HY-8-8 | 3/4x16 | 1/2 | 2.85 | 72 | 1.14 | 29 | 7/8 | 1.56 | 40 |
| 139HY-10-8 | 7/8x14 | 1/2 | 3.01 | 76 | 1.26 | 32 | 1 | 1.72 | 44 |
| 139HY-10-10 | 7/8x14 | 5/8 | 3.09 | 78 | 1.26 | 32 | 1 | 1.73 | 44 |
| 139HY-10-12 | 7/8x14 | 3/4 | 3.25 | 83 | 1.23 | 31 | 1 | 1.69 | 43 |
| 139HY-12-8 | 1-1/16x12 | 1/2 | 3.61 | 92 | 1.83 | 46 | 1-1/4 | 2.25 | 57 |
| 139HY-12-10 | 1-1/16x12 | 5/8 | 3.61 | 92 | 1.89 | 48 | 1-1/4 | 2.25 | 57 |
| 139HY-12-12 | 1-1/16x12 | 3/4 | 3.68 | 93 | 1.89 | 48 | 1-1/4 | 2.15 | 55 |
| 139HY-16-12 | 1-5/16x12 | 3/4 | 4.33 | 110 | 2.14 | 54 | 1-1/2 | 2.78 | 71 |
| 139HY-16-16 | 1-5/16x12 | 1 | 4.31 | 109 | 2.31 | 59 | 1-1/2 | 2.69 | 68 |

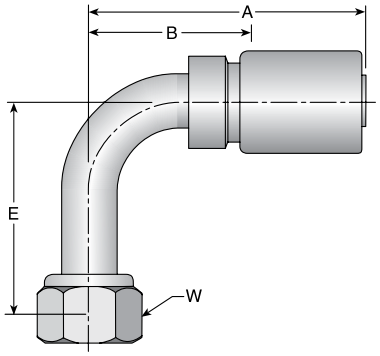


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## 141HY

### Female JIC 37˚ - Swivel - 90˚ Elbow - Long Drop

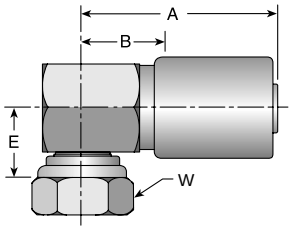
| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 141HY-4-4 | 7/16x20 | 1/4 | 2.68 | 68 | 1.81 | 46 | 9/16 | 1.41 | 36 |
| 141HY-5-4 | 1/2x20 | 1/4 | 3.16 | 80 | 1.77 | 45 | 5/8 | 1.81 | 46 |
| 141HY-6-4 | 9/16x18 | 1/4 | 2.89 | 73 | 2.13 | 54 | 11/16 | 1.62 | 41 |
| 141HY-6-6 | 9/16x18 | 3/8 | 2.76 | 70 | 2.13 | 54 | 11/16 | 1.49 | 39 |
| 141HY-8-6 | 3/4x16 | 3/8 | 2.85 | 72 | 2.52 | 64 | 7/8 | 1.58 | 40 |
| 141HY-8-8 | 3/4x16 | 1/2 | 2.89 | 73 | 2.52 | 64 | 7/8 | 1.60 | 41 |
| 141HY-10-8 | 7/8x14 | 1/2 | 3.01 | 76 | 2.76 | 70 | 1 | 1.72 | 44 |
| 141HY-12-12 | 1-1/16x12 | 3/4 | 3.59 | 91 | 3.73 | 95 | 1-1/4 | 2.03 | 52 |
| 141HY-16-16 | 1-5/16x12 | 1 | 4.56 | 116 | 4.33 | 110 | 1-1/2 | 2.94 | 75 |




## 193HY

### Female JIC 37˚ - Swivel - 90˚ Elbow - (Block Type)

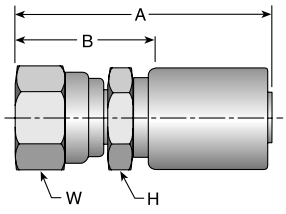
| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 193HY-6-6 | 9/16x18 | 3/8 | 2.33 | 59 | 0.78 | 20 | 11/16 | 0.97 | 25 |
| 193HY-8-6 | 3/4x16 | 3/8 | 2.33 | 59 | 0.82 | 21 | 7/8 | 0.97 | 25 |
| 193HY-8-8 | 3/4x16 | 1/2 | 3.00 | 76 | 0.85 | 22 | 7/8 | 1.09 | 28 |
| 193HY-12-12 | 1-1/16x12 | 3/4 | 3.33 | 85 | 0.99 | 25 | 1-1/4 | 1.19 | 30 |




## 108HY

### Female SAE 45˚ - Swivel

| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | H inch | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|
| 108HY-4-4 | 7/16x20 | 1/4 | 2.60 | 66 | 9/16 | 9/16 | 1.26 | 32 |
| 108HY-5-4 | 1/2x20 | 1/4 | 2.66 | 68 | 9/16 | 5/8 | 1.31 | 33 |
| 108HY-5-5 | 1/2x20 | 5/16 | 2.68 | 68 | 5/8 | 5/8 | 1.34 | 34 |
| 108HY-6-4 | 5/8x18 | 1/4 | 2.73 | 69 | 11/16 | 3/4 | 1.38 | 35 |
| 108HY-6-5 | 5/8x18 | 5/16 | 2.76 | 70 | 5/8 | 3/4 | 1.41 | 36 |
| 108HY-6-6 | 5/8x18 | 3/8 | 2.75 | 70 | 11/16 | 3/4 | 1.41 | 36 |
| 108HY-8-6 | 3/4x16 | 3/8 | 2.73 | 69 | 13/16 | 7/8 | 1.38 | 35 |
| 108HY-8-8 | 3/4x16 | 1/2 | 2.90 | 74 | 7/8 | 7/8 | 1.56 | 40 |
| 108HY-8-12 | 3/4x16 | 3/4 | 3.17 | 81 | 1-1/4 | 7/8 | 1.59 | 40 |
| 108HY-10-8 | 7/8x14 | 1/2 | 2.98 | 76 | 1 | 1 | 1.63 | 41 |
| 108HY-10-10 | 7/8x14 | 5/8 | 3.06 | 78 | 1-1/8 | 1 | 1.69 | 43 |
| 108HY-12-10 | 1-1/16x12 | 5/8 | 3.33 | 85 | 1-1/8 | 1-1/4 | 1.94 | 49 |
| 108HY-12-12 | 1-1/16x12 | 3/4 | 3.41 | 87 | 1-1/4 | 1-1/4 | 1.84 | 47 |








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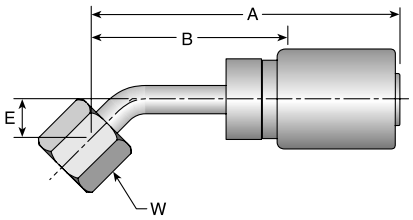
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## 177HY

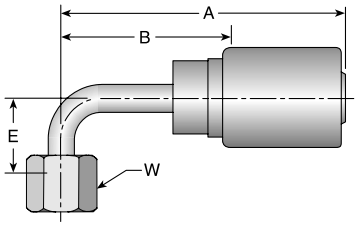
### Female SAE 45° - Swivel - 45° Elbow




| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 177HY-6-6 | 5/8x18 | 3/8 | 3.33 | 85 | 0.39 | 10 | 3/4 | 1.97 | 50 |
| 177HY-12-12 | 1-1/16x14 | 3/4 | 4.03 | 102 | 0.77 | 20 | 1-1/4 | 2.44 | 62 |

## 179HY

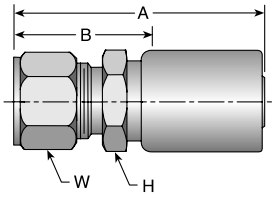
### Female SAE 45° - Swivel - 90° Elbow




| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 179HY-6-5 | 5/8x18 | 5/16 | 3.25 | 83 | 0.86 | 22 | 3/4 | 1.91 | 49 |
| 179HY-6-6 | 5/8x18 | 3/8 | 3.23 | 82 | 0.86 | 22 | 3/4 | 1.88 | 48 |
| 179HY-12-12 | 1-1/16x14 | 3/4 | 3.98 | 101 | 1.83 | 46 | 1-1/4 | 2.39 | 61 |

## 111HY

### Male Ferulok Flareless - Rigid
### (24° Cone w/Nut and Ferrule)

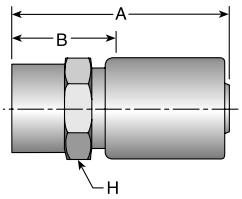



| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | H inch | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|
| 111HY-4-4 | 7/16x20 | 1/4 | 2.42 | 61 | 9/16 | 9/16 | 1.06 | 27 |
| 111HY-4-6 | 7/16x20 | 3/8 | 2.44 | 62 | 3/4 | 9/16 | 1.09 | 28 |
| 111HY-5-6 | 1/2x20 | 3/8 | 2.44 | 62 | 3/4 | 5/8 | 1.09 | 28 |
| 111HY-6-4 | 9/16x18 | 1/4 | 2.44 | 62 | 5/8 | 11/16 | 1.09 | 28 |
| 111HY-6-6 | 9/16x18 | 3/8 | 2.45 | 62 | 11/16 | 11/16 | 1.09 | 28 |
| 111HY-8-6 | 3/4x16 | 3/8 | 2.61 | 66 | 7/8 | 7/8 | 1.25 | 32 |
| 111HY-8-8 | 3/4x16 | 1/2 | 2.72 | 69 | 7/8 | 7/8 | 1.38 | 35 |
| 111HY-10-8 | 7/8x14 | 1/2 | 2.78 | 71 | 1 | 1 | 1.44 | 37 |
| 111HY-12-12 | 1-1/16x12 | 3/4 | 3.02 | 77 | 1-1/4 | 1-1/4 | 1.44 | 37 |

The Parker Ferrule-Fix fitting makes it possible to salvage the bent tube section from a hose assembly for quick, easy on the job repairs. For additional information see Ferrule-Fix installation instructions in the Technical Section.

## 1GJHY

### Female Grease Connection - SPL - PTF Taper Thread - Rigid - 1/2x27




| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | H inch | B inch | B mm |
|---|---|---|---|---|---|---|---|
| 1GJHY-8-4 | 1/2x27 | 1/4 | 2.41 | 61 | 3/4 | 1.06 | 27 |

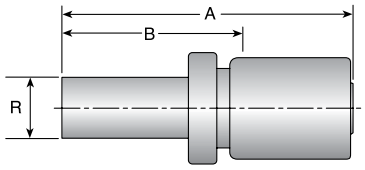


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## 134HY

### Male Standpipe - Rigid - (Inch Size Tube O.D.)

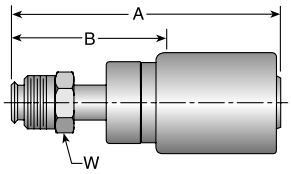
| # Part Number | R inch | Hose I.D. inch | A inch | A mm | B inch | B mm |
|---|---|---|---|---|---|---|
| 134HY-6-6 | 3/8 | 3/8 | 3.17 | 81 | 1.81 | 46 |
| 134HY-8-6 | 1/2 | 3/8 | 3.33 | 85 | 1.97 | 50 |
| 134HY-12-12 | 3/4 | 3/4 | 3.89 | 99 | 2.31 | 59 |




## 128HY

### Male Inverted SAE 45˚ - Swivel

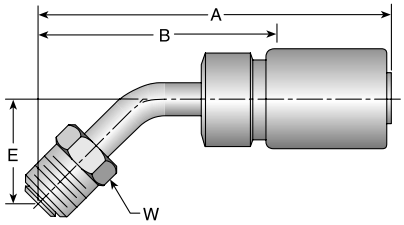
| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|
| 128HY-3-4 | 3/8x24 | 1/4 | 3.09 | 78 | 3/8 | 1.75 | 44 |
| 128HY-4-4 | 7/16x24 | 1/4 | 3.28 | 83 | 7/16 | 1.94 | 49 |
| 128HY-5-4 | 1/2x20 | 1/4 | 3.34 | 85 | 1/2 | 2.00 | 51 |
| 128HY-5-6 | 1/2x20 | 3/8 | 3.17 | 81 | 1/2 | 1.81 | 46 |
| 128HY-6-5 | 5/8x18 | 5/16 | 3.75 | 95 | 5/8 | 2.41 | 61 |
| 128HY-6-6 | 5/8x18 | 3/8 | 3.73 | 95 | 5/8 | 2.38 | 60 |
| 128HY-7-6 | 11/16x18 | 3/8 | 3.73 | 95 | 11/16 | 2.38 | 60 |
| 128HY-8-6 | 3/4x18 | 3/8 | 3.42 | 87 | 3/4 | 2.06 | 52 |
| 128HY-8-8 | 3/4x18 | 1/2 | 3.66 | 93 | 3/4 | 2.31 | 59 |




## 167HY

### Male Inverted SAE 45˚ - Swivel - 45˚ Elbow

| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 167HY-4-4 | 7/16x24 | 1/4 | 3.31 | 84 | 0.78 | 20 | 7/16 | 1.97 | 50 |
| 167HY-5-4 | 1/2x20 | 1/4 | 3.55 | 90 | 0.88 | 22 | 1/2 | 2.19 | 56 |
| 167HY-5-6 | 1/2x20 | 3/8 | 3.38 | 86 | 0.88 | 22 | 1/2 | 2.03 | 52 |
| 167HY-6-6 | 5/8x18 | 3/8 | 4.16 | 106 | 0.94 | 24 | 5/8 | 2.81 | 71 |
| 167HY-8-8 | 3/4x18 | 1/2 | 4.22 | 107 | 1.06 | 27 | 3/4 | 2.88 | 73 |








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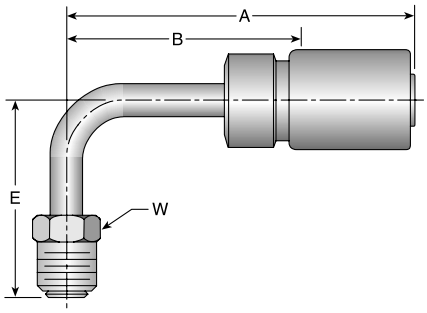
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E

## 169HY

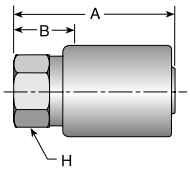
### Male Inverted SAE 45° - Swivel - 90° Elbow




| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 169HY-3-4 | 3/8x24 | 1/4 | 3.09 | 78 | 1.38 | 35 | 3/8 | 1.75 | 44 |
| 169HY-4-4 | 7/16x24 | 1/4 | 3.28 | 83 | 1.47 | 37 | 7/16 | 1.94 | 49 |
| 169HY-4-6 | 7/16x24 | 3/8 | 3.11 | 79 | 1.47 | 37 | 7/16 | 1.75 | 44 |
| 169HY-5-4 | 1/2x20 | 1/4 | 3.52 | 89 | 1.66 | 42 | 1/2 | 2.16 | 55 |
| 169HY-5-6 | 1/2x20 | 3/8 | 3.34 | 85 | 1.66 | 42 | 1/2 | 2.00 | 51 |
| 169HY-6-5 | 5/8x18 | 5/16 | 4.05 | 103 | 1.69 | 43 | 5/8 | 2.69 | 68 |
| 169HY-6-6 | 5/8x18 | 3/8 | 4.03 | 102 | 1.69 | 43 | 5/8 | 2.69 | 68 |
| 169HY-7-6 | 11/16x18 | 3/8 | 4.16 | 106 | 1.69 | 43 | 11/16 | 2.81 | 71 |
| 169HY-8-8 | 3/4x18 | 1/2 | 4.09 | 104 | 1.88 | 48 | 3/4 | 2.75 | 70 |

## 129HY

### Female Inverted SAE 45° - Rigid

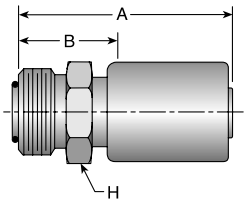



| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | H inch | B inch | B mm |
|---|---|---|---|---|---|---|---|
| 129HY-5-4 | 1/2x20 | 1/4 | 2.25 | 57 | 5/8 | 0.91 | 23 |
| 129HY-6-6 | 5/8x18 | 3/8 | 2.25 | 57 | 7/8 | 0.91 | 23 |

## 1J0HY

### Male Seal-Lok® - Rigid - (with O-Ring)

ISO 1215-1 - S

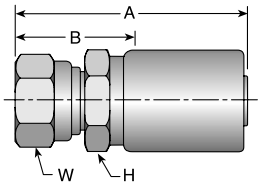



| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | H inch | B inch | B mm |
|---|---|---|---|---|---|---|---|
| 1J0HY-4-4 | 9/16x18 | 1/4 | 2.36 | 60 | 5/8 | 1.00 | 25 |
| 1J0HY-6-6 | 11/16x16 | 3/8 | 2.49 | 63 | 3/4 | 1.13 | 29 |
| 1J0HY-8-8 | 13/16x16 | 1/2 | 2.69 | 68 | 7/8 | 1.34 | 34 |
| 1J0HY-12-8 | 1-3/16x12 | 1/2 | 2.91 | 74 | 1-1/4 | 1.56 | 40 |

## 1JCHY

### Female Seal-Lok® - Swivel - Short

ISO 12151-1 - SWSA




| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | H inch | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|
| 1JCHY-4-4 | 9/16x18 | 1/4 | 2.61 | 66 | 9/16 | 11/16 | 0.94 | 24 |
| 1JCHY-6-6 | 11/16x16 | 3/8 | 2.69 | 68 | 11/16 | 13/16 | 0.94 | 24 |
| 1JCHY-8-8 | 13/16x16 | 1/2 | 2.91 | 74 | 7/8 | 15/16 | 1.13 | 29 |
| 1JCHY-12-12 | 1-3/16x12 | 3/4 | 3.31 | 84 | 1-1/4 | 1-3/8 | 1.13 | 29 |

See Accessories Section for O-Rings.



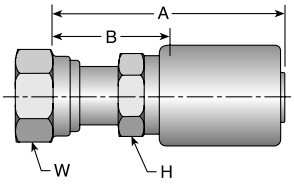
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Wickliffe, Ohio
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# 1JSHY

## Female Seal-Lok® - Swivel - Long

ISO 12151-1 - SWSB

| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | H inch | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|
| 1JSHY-4-4 | 9/16x18 | 1/4 | 2.59 | 66 | 9/16 | 11/16 | 1.25 | 32 |
| 1JSHY-6-4 | 11/16x16 | 1/4 | 2.67 | 68 | 5/8 | 13/16 | 1.31 | 33 |
| 1JSHY-6-5 | 11/16x16 | 5/16 | 2.70 | 69 | 5/8 | 13/16 | 1.34 | 34 |
| 1JSHY-6-6 | 11/16x16 | 3/8 | 2.75 | 70 | 11/16 | 13/16 | 1.34 | 34 |
| 1JSHY-8-6 | 13/16x16 | 3/8 | 2.84 | 72 | 7/8 | 15/16 | 1.50 | 38 |
| 1JSHY-8-8 | 13/16x16 | 1/2 | 2.95 | 75 | 7/8 | 15/16 | 1.59 | 40 |
| 1JSHY-10-8 | 1x14 | 1/2 | 3.16 | 80 | 15/16 | 1-1/8 | 1.81 | 46 |
| 1JSHY-10-10 | 1x14 | 5/8 | 3.17 | 81 | 1-1/8 | 1-1/8 | 1.78 | 45 |
| 1JSHY-10-12 | 1x14 | 3/4 | 3.27 | 83 | 1-1/4 | 1-1/8 | 1.69 | 43 |
| 1JSHY-12-10 | 1-3/16x12 | 5/8 | 3.20 | 81 | 1-1/8 | 1-3/8 | 1.81 | 46 |
| 1JSHY-12-12 | 1-3/16x12 | 3/4 | 3.30 | 84 | 1-1/4 | 1-3/8 | 1.72 | 44 |
| 1JSHY-16-12 | 1-7/16x12 | 3/4 | 3.44 | 87 | 1-3/8 | 1-5/8 | 1.88 | 48 |
| 1JSHY-16-16 | 1-7/16x12 | 1 | 3.59 | 91 | 1-3/8 | 1-5/8 | 1.97 | 50 |
| 1JSHY-20-16 | 1-11/16x12 | 1 | 3.47 | 88 | 1-5/8 | 1-7/8 | 1.75 | 59 |
| 1JSHY-20-20 | 1-11/16x12 | 1-1/4 | 3.98 | 101 | 1-3/4 | 1-7/8 | 2.16 | 55 |

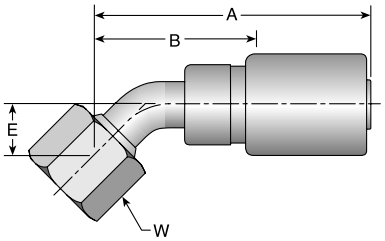



# 1J7HY

## Female Seal-Lok® - Swivel - 45° Elbow

ISO 12151-1 - SWE45

| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 1J7HY-4-4 | 9/16x18 | 1/4 | 2.59 | 66 | 0.39 | 10 | 11/16 | 1.32 | 34 |
| 1J7HY-6-4 | 11/16x16 | 1/4 | 2.70 | 69 | 0.43 | 11 | 13/16 | 1.43 | 36 |
| 1J7HY-6-6 | 11/16x16 | 3/8 | 2.72 | 69 | 0.43 | 11 | 13/16 | 1.44 | 37 |
| 1J7HY-6-8 | 11/16x16 | 1/2 | 3.41 | 87 | 0.44 | 11 | 13/16 | 2.06 | 52 |
| 1J7HY-8-4 | 13/16x16 | 1/4 | 2.95 | 75 | 0.59 | 15 | 15/16 | 1.68 | 43 |
| 1J7HY-8-6 | 13/16x16 | 3/8 | 2.89 | 73 | 0.59 | 15 | 15/16 | 1.62 | 41 |
| 1J7HY-8-8 | 13/16x16 | 1/2 | 3.10 | 79 | 0.59 | 15 | 15/16 | 1.81 | 46 |
| 1J7HY-10-8 | 1x14 | 1/2 | 3.20 | 81 | 0.63 | 16 | 1-1/8 | 1.91 | 49 |
| 1J7HY-10-10 | 1x14 | 5/8 | 3.29 | 84 | 0.63 | 16 | 1-1/8 | 1.93 | 49 |
| 1J7HY-10-12 | 1x14 | 3/4 | 3.69 | 94 | 0.69 | 18 | 1-1/8 | 2.13 | 54 |
| 1J7HY-12-10 | 1-3/16x12 | 5/8 | 3.74 | 104 | 0.83 | 21 | 1-3/8 | 2.38 | 60 |
| 1J7HY-12-12 | 1-3/16x12 | 3/4 | 3.82 | 97 | 0.83 | 21 | 1-3/8 | 2.29 | 58 |
| 1J7HY-16-12 | 1-7/16x12 | 3/4 | 4.39 | 112 | 0.97 | 25 | 1-5/8 | 2.84 | 72 |
| 1J7HY-16-16 | 1-7/16x12 | 1 | 4.55 | 116 | 0.97 | 25 | 1-5/8 | 2.94 | 75 |




A
B
C
D
E

See Accessories Section for O-Rings.

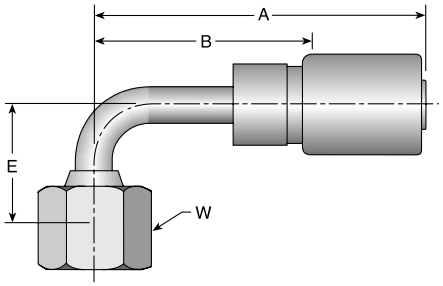


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# 1J9HY

## Female Seal-Lok® - Swivel - 90˚ Elbow - Short Drop

ISO 12151-1 - SWES90

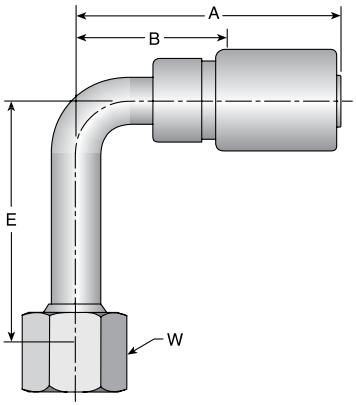



| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 1J9HY-4-4 | 9/16x18 | 1/4 | 2.40 | 61 | 0.83 | 21 | 11/16 | 1.13 | 29 |
| 1J9HY-4-6 | 9/16x18 | 3/8 | 3.08 | 78 | 0.83 | 21 | 11/16 | 1.72 | 44 |
| 1J9HY-6-4 | 11/16x16 | 1/4 | 2.65 | 67 | 0.91 | 23 | 13/16 | 1.38 | 35 |
| 1J9HY-6-5 | 11/16x16 | 5/16 | 3/14 | 80 | | 23 | 13/16 | 1.72 | 44 |
| 1J9HY-6-6 | 11/16x16 | 3/8 | 2.57 | 65 | 0.91 | 23 | 13/16 | 1.29 | 33 |
| 1J9HY-6-8 | 11/16x16 | 1/2 | 2.77 | 70 | 0.91 | 23 | 13/16 | 1.48 | 38 |
| 1J9HY-8-6 | 13/16x16 | 3/8 | 2.64 | 67 | 1.14 | 29 | 15/16 | 1.37 | 35 |
| 1J9HY-8-8 | 13/16x16 | 1/2 | 2.85 | 72 | 1.14 | 29 | 15/16 | 1.56 | 40 |
| 1J9HY-10-8 | 1x14 | 1/2 | 3.01 | 76 | 1.26 | 32 | 1-1/8 | 1.72 | 44 |
| 1J9HY-10-10 | 1x14 | 5/8 | 3.09 | 78 | 1.26 | 32 | 1-1/8 | 1.73 | 44 |
| 1J9HY-10-12 | 1x14 | 3/4 | 3.52 | 89 | 1.33 | 34 | 1-1/8 | 1.97 | 50 |
| 1J9HY-12-8 | 1-3/16x12 | 1/2 | 3.84 | 98 | 1.89 | 48 | 1-3/8 | 2.39 | 61 |
| 1J9HY-12-10 | 1-3/16x12 | 5/8 | 3.61 | 92 | 1.89 | 48 | 1-3/8 | 2.25 | 57 |
| 1J9HY-12-12 | 1-3/16x12 | 3/4 | 3.68 | 93 | 1.89 | 48 | 1-3/8 | 2.15 | 55 |
| 1J9HY-16-12 | 1-7/16x12 | 3/4 | 4.27 | 108 | 2.25 | 57 | 1-5/8 | 2.69 | 68 |
| 1J9HY-16-16 | 1-7/16x12 | 1 | 4.45 | 113 | 2.25 | 57 | 1-5/8 | 2.84 | 72 |
| 1J9HY-20-16 | 1-11/16x12 | 1 | 4.77 | 121 | 2.51 | 64 | 1-7/8 | 3.16 | 80 |

# 1J1HY

## Female Seal-Lok® - Swivel - 90˚ Elbow - Long Drop

ISO 12151-1 - SWEL90




| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | E inch | E mm | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 1J1HY-4-4 | 9/16x18 | 1/4 | 2.68 | 68 | 1.81 | 46 | 11/16 | 1.41 | 36 |
| 1J1HY-6-4 | 11/16x16 | 1/4 | 2.89 | 73 | 2.13 | 54 | 13/16 | 1.62 | 41 |
| 1J1HY-6-6 | 11/16x16 | 3/8 | 2.76 | 70 | 2.13 | 54 | 13/16 | 1.49 | 38 |
| 1J1HY-8-6 | 13/16x16 | 3/8 | 2.85 | 72 | 2.52 | 64 | 15/16 | 1.58 | 40 |
| 1J1HY-8-8 | 13/16x16 | 1/2 | 2.94 | 75 | 2.52 | 64 | 15/16 | 1.65 | 42 |
| 1J1HY-10-8 | 1x14 | 1/2 | 3.01 | 76 | 2.76 | 70 | 1-1/8 | 1.72 | 44 |
| 1J1HY-10-10 | 1x14 | 5/8 | 3.42 | 87 | 2.76 | 70 | 1-1/8 | 2.03 | 52 |
| 1J1HY-12-12 | 1-3/16x12 | 3/4 | 3.68 | 93 | 3.78 | 96 | 1-3/8 | 2.15 | 55 |
| 1J1HY-16-16 | 1-7/16x12 | 1 | 4.45 | 113 | 4.50 | 114 | 1-5/8 | 2.84 | 72 |

See Accessories Section for O-Rings.



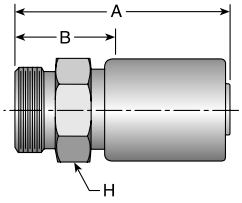
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Parker Hannifin Corporation
Wickliffe, Ohio
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# 1D0HY

## Male Metric L - Rigid - (24˚ Cone)

ISO 12151-2

| # Part Number | Thread mm | | Hose I.D. inch | A inch | A mm | H mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|
| 1D0HY-6-4 | 6 | M12x1.5 | 1/4 | 2.36 | 60 | 14 | 1.00 | 25 |
| 1D0HY-8-4 | 8 | M14x1.5 | 1/4 | 2.36 | 60 | 17 | 1.00 | 25 |
| 1D0HY-10-4 | 10 | M16x1.5 | 1/4 | 2.40 | 61 | 19 | 1.03 | 26 |
| 1D0HY-10-6 | 10 | M16x1.5 | 3/8 | 2.42 | 61 | 19 | 1.06 | 27 |
| 1D0HY-12-6 | 12 | M18x1.5 | 3/8 | 2.42 | 61 | 22 | 1.06 | 27 |
| 1D0HY-15-6 | 15 | M22x1.5 | 3/8 | 2.52 | 64 | 24 | 1.16 | 29 |
| 1D0HY-15-8 | 15 | M22x1.5 | 1/2 | 2.63 | 67 | 24 | 1.28 | 33 |
| 1D0HY-18-10 | 18 | M26x1.5 | 5/8 | 2.71 | 69 | 27 | 1.31 | 33 |

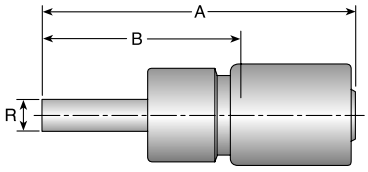



# 13DHY

## Male Standpipe Metric S - Rigid

End Connection per ISO 8434-1-SDS

| # Part Number | R mm | Hose I.D. inch | A inch | A mm | B inch | B mm |
|---|---|---|---|---|---|---|
| 13DHY-16-8 | 16 | 1/2 | 3.53 | 90 | 2.16 | 55 |
| 13DHY-30-16 | 30 | 1 | 4.15 | 105 | 2.53 | 64 |



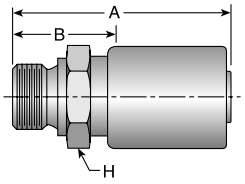

# 1D9HY

## Male BSP Parallel Pipe - Rigid - (60˚ Cone)

ISO 228-1

| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | H inch | B inch | B mm |
|---|---|---|---|---|---|---|---|
| 1D9HY-4-4 | 1/4x19 | 1/4 | 2.40 | 61 | 13/16 | 1.03 | 26 |
| 1D9HY-6-6 | 3/8x19 | 3/8 | 2.55 | 65 | 7/8 | 1.19 | 30 |
| 1D9HY-8-6 | 1/2x14 | 3/8 | 2.65 | 67 | 1-1/16 | 1.28 | 33 |
| 1D9HY-8-8 | 1/2x14 | 1/2 | 2.83 | 72 | 1-1/16 | 1.47 | 37 |

When used in a port, a bonded seal must be used. See Accessories Section for more information.




Metric L: Mates with EO "L" Series Fittings.
Mertic S: Mates with EO "S" Series Fittings.

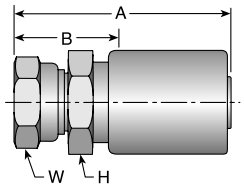


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## 1GUHY

**Female BSP Parallel Pipe - Swivel - (60˚ Cone)**

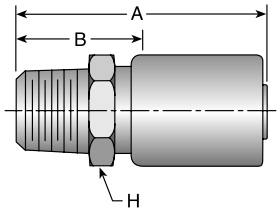
ISO 228-1




| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | H inch | W inch | B inch | B mm |
|---|---|---|---|---|---|---|---|---|
| 1GUHY-4-4 | 1/4x19 | 1/4 | 2.62 | 67 | 9/16 | 11/16 | 1.28 | 33 |
| 1GUHY-6-4 | 3/8x19 | 1/4 | 2.69 | 68 | 3/4 | 7/8 | 1.34 | 34 |
| 1GUHY-6-6 | 3/8x19 | 3/8 | 2.70 | 69 | 3/4 | 7/8 | 1.34 | 34 |
| 1GUHY-8-6 | 1/2x14 | 3/8 | 2.84 | 72 | 7/8 | 1 | 1.50 | 38 |
| 1GUHY-8-8 | 1/2x14 | 1/2 | 3.02 | 77 | 7/8 | 1 | 1.66 | 42 |
| 1GUHY-12-12 | 3/4x14 | 3/4 | 3.25 | 83 | 1-1/4 | 1-1/4 | 1.69 | 43 |
| 1GUHY-16-16 | 1x11 | 1 | 3.45 | 88 | 1-3/8 | 1-1/2 | 1.84 | 47 |

## 1UTHY

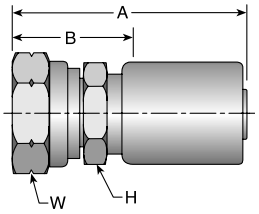
**Male BSP Taper Pipe - Rigid - (60˚ Cone)**




| # Part Number | Thread inch | Hose I.D. inch | A inch | A mm | H inch | B inch | B mm |
|---|---|---|---|---|---|---|---|
| 1UTHY-2-4 | 1/8x28 | 1/4 | 2.34 | 59 | 9/16 | 1.00 | 25 |
| 1UTHY-4-4 | 1/4x19 | 1/4 | 2.53 | 64 | 9/16 | 1.19 | 30 |

## 1XUHY

**Female Metric Swivel - (30˚ Flare)**




| # Part Number | Thread mm | | Hose I.D. inch | A inch | A mm | H mm | W mm | B inch | B mm |
|---|---|---|---|---|---|---|---|---|---|
| 1XUHY-24-8 | 24 | M24x1.5 | 1/2 | 3.14 | 80 | 22 | 30 | 1.72 | 44 |
| 1XUHY-24-10 | 24 | M24x1.5 | 5/8 | 3.22 | 82 | 30 | 30 | 1.84 | 47 |
| 1XUHY-30-12 | 30 | M30x1.5 | 3/4 | 3.31 | 84 | 32 | 38 | 1.75 | 44 |
| 1XUHY-33-16 | 33 | M33x1.5 | 1 | 3.62 | 92 | 36 | 41 | 2.00 | 51 |



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