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Field Attachable (Reusable) Hose Fittings

20 Series Fittings

21 Series Fittings

22 Series Fittings

23 Series Fittings

51 Series Fittings

82 Series Fittings

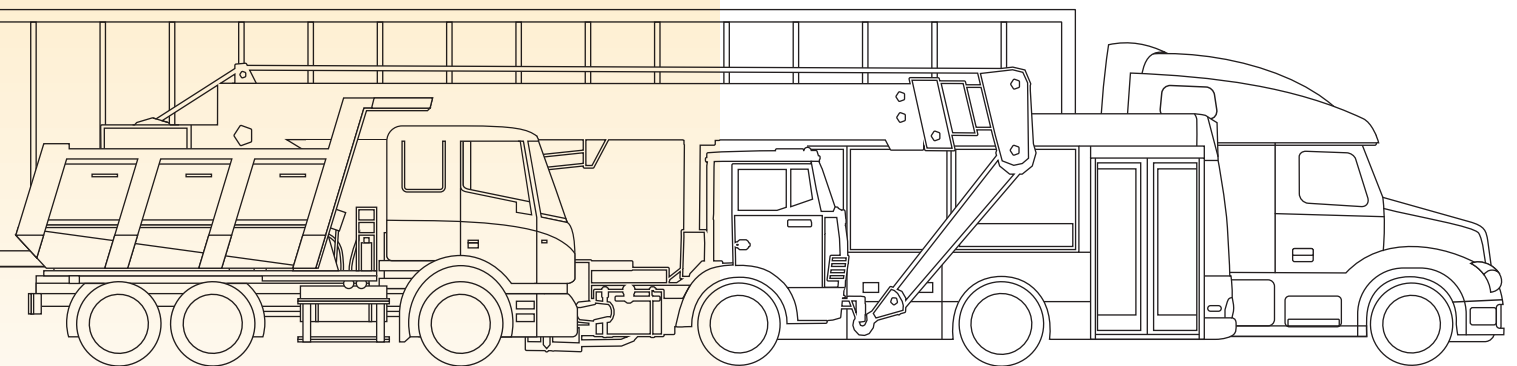
88 Series Fittings

90 Series Fittings

BU Series Fittings

Air Brake Adapter

Banjo Bolt



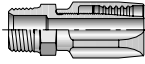
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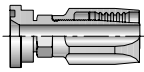
Reusable Hose Fittings – 20 Series

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26720 Male - Swivel 45° Elbow page D9 	26920 Male - Swivel 90° Elbow page D10 	PTT 30°	23220 Female - Swivel page D9 	Com- pression	26120 Male (without Nut or Sleeve) page D9 

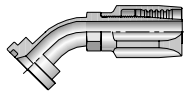
Reusable Hose Fittings – 20 Series (Continued)

Code 61 Flange

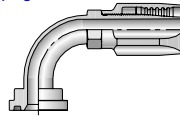
21520
Flange
page D8



21720
45° Elbow
page D9

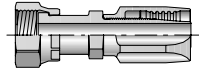


21920
90° Elbow
page D9

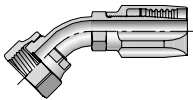


Seal-Lok™ (O-Ring Face Seal)

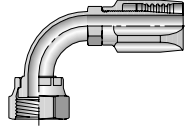
2JS20
Female - Swivel Long
page D10



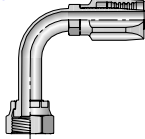
2J720
Female - Swivel
45° Elbow
page D10



2J920
Female - Swivel
90° Elbow - Short
page D10



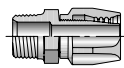
2J120
Female - Swivel
90° Elbow - Long
page D10



Reusable Hose Fittings – 21 Series

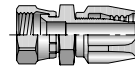
NPTF Pipe

20121
Male - Rigid
page D11

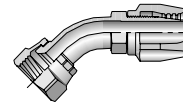


JIC 37°

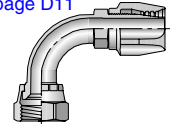
20621
Female - Swivel
page D11



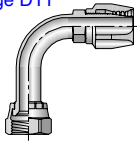
23721
Female - Swivel
45° Elbow - Short
page D11



23921
Female - Swivel
90° Elbow - Short
page D11

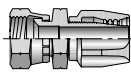


24121
Female - Swivel
90° Elbow - Long
page D11

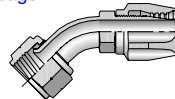


SAE 45°

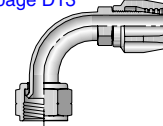
20821
Female - Swivel
page D11



27721
Female - Swivel
45° Elbow
page D12

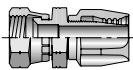


27921
Female - Swivel
90° Elbow
page D13



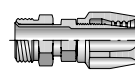
PTT 30°

23221
Female - Swivel
page D11

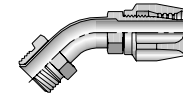


Inverted Flare

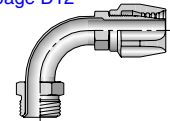
22821
Male - Swivel
page D11



26721
Male - Swivel
45° Elbow
page D12

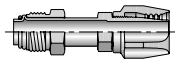


26921
Male - Swivel
90° Swivel
page D12

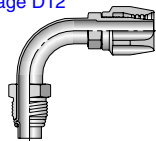


Tube-O

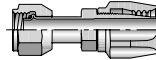
2S521
Male - Swivel Short
page D13



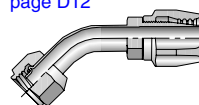
25M21
Male - Swivel
90° Elbow - Long
page D12



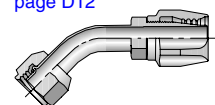
25S21
Female - Swivel Short
page D12



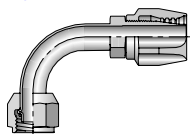
25H21
Female - Swivel
45° Elbow - Short
page D12



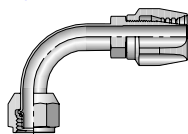
25N21
Female - Swivel
45° Elbow - Long
page D12



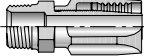

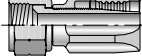
25T21
Female - Swivel
90° Elbow - Short
page D12



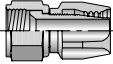
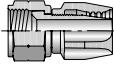
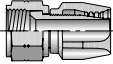
25L21
Female - Swivel
90° Elbow - Long
page D12



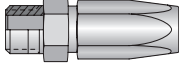
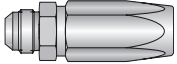
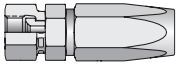
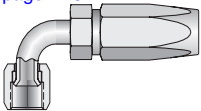
Reusable Hose Fittings – 22 Series

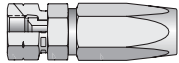
NPTF Pipe	<p>20122 Male - Rigid page D13</p> 	JIC 37°	<p>20622 Female - Swivel page D13</p> 	SAE 45°	<p>20822 Female - Swivel page D13</p> 
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Reusable Hose Fittings – 23 Series


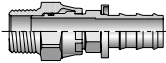
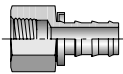

NPTF Pipe	<p>20623 Female Swivel page D14</p> 	JIC 37°	<p>20823 Female - Swivel page D14</p> 	PTT 30°	<p>23223 Female - Swivel page D14</p> 
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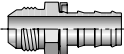
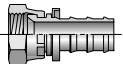
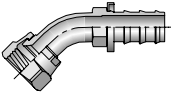
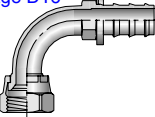
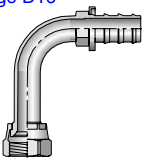
Reusable Hose Fittings – 51 Series

NPTF Pipe	<p>20151 Male Taper Pipe - Rigid page D14</p> 	JIC 37°	<p>20351 Male (JIC) 37° page D14</p> 	<p>20651 SAE (JIC) 37° Swivel page D14</p> 	<p>23951 37° (JIC) Swivel 90° Elbow page D15</p> 
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SAE 45°	<p>20851 SAE 45° Swivel page D15</p> 
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Reusable Hose Fittings – 82 Series

NPTF Pipe	<p>30182 Male - Rigid page D15</p> 	<p>31382 Male - Swivel page D16</p> 	<p>30282 Female - Rigid page D15</p> 	NPSM Pipe	<p>37G82 Female - Swivel Gasket Joint page D17</p> 
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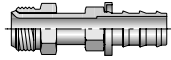
JIC 37°	<p>30382 Male - Rigid page D15</p> 	<p>30682 Female - Swivel page D15</p> 	<p>33782 Female - Swivel 45° Elbow page D16</p> 	<p>33982 Female - Swivel 90° Elbow Short page D16</p> 	<p>34182 Female - Swivel 90° Elbow Long page D16</p> 
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SAE	<p>30482 Male - Rigid page D15</p> 	<p>30882 Female - Swivel page D15</p> 	<p>37782 Female - Swivel 45° Elbow page D17</p> 	<p>37982 Female - Swivel 90° Elbow page D17</p> 
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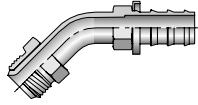
Reusable Hose Fittings – 82 Series (Continued)

**Seal-Lok™
O-Ring
Face Seal**

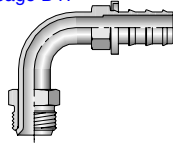
32882
Male - Swivel
page D16



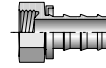
36782
Male - Swivel
45° Elbow
page D16



36982
Male - Swivel
90° Elbow
page D17

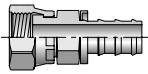


32982
Female - Rigid
page D16

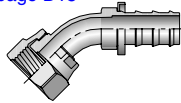


**Inverted
SAE**

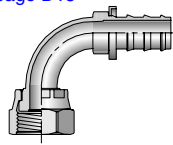
3JC82
Female - Swivel Short
page D19



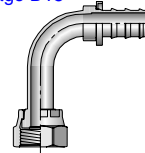
3J782
Female - Swivel
45° Elbow
page D18



3J982
Female - Swivel
90° Elbow - Short
page D18

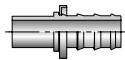


3J182
Female - Swivel
90° Elbow - Long
page D18



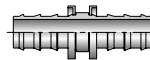
Standpipe

33482
Male - Rigid
page D16



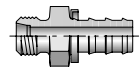
Union

38282
Push-Lok Union
page D17

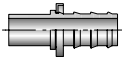


Metric L

3D082
Male - Rigid
page D18

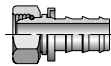


31D82
Male Standpipe - Rigid
page D16

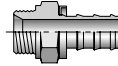


BSP

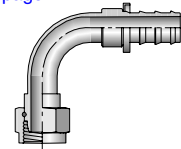
39282
Female - Swivel
page D17



3D982
Male - Rigid
page D18

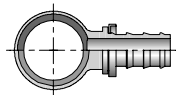


3B282
Female - Swivel
90° Elbow
page D17



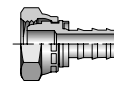
Banjo

34982
Metric - Banjo
page D16

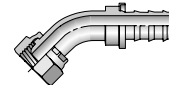


**Metric L
Swivels**

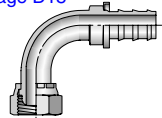
3C382
Swivel - Ball Nose
page D17



3C482
Swivel - 45° Elbow -
Ball Nose
page D17



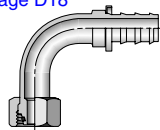
3C582
Swivel - 90° Elbow -
Ball Nose
page D18



3CA82
Swivel - 24° Cone
page D18



3CF82
Swivel - 90° Elbow -
Ball Nose
page D18



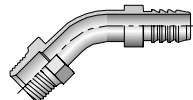
Reusable Hose Fittings – 88 Series

**NPTF
Pipe**

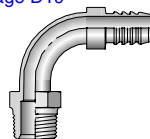
0188
Male - Rigid
page D19



3188
Male - Rigid
45° Elbow
page D20

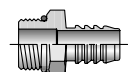


2188
Male - Rigid
90° Elbow
page D19

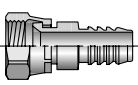
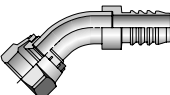
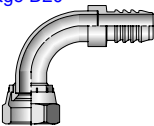
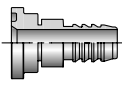
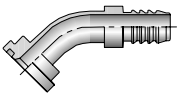
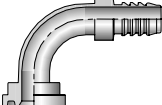
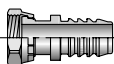
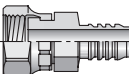
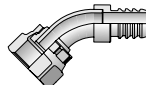
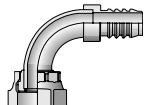



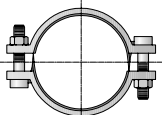


**Straight
Thread**

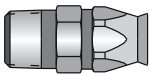
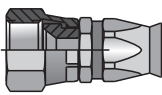
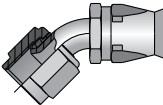
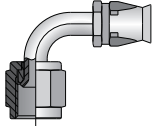
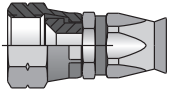
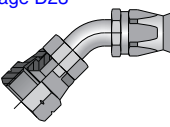
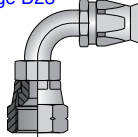
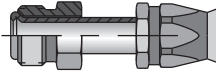
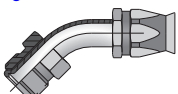
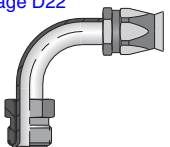
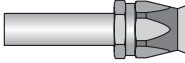
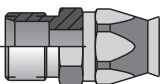
0588
Male - Rigid
page D19



Reusable Hose Fittings – 88 Series (Continued)

JIC 37°	0688 Female - Swivel page D19 	3788 Female - Swivel page D20 	3988 Female - Swivel page D20 	Flange	1588 Flange Heads page D19 
1788 45° Elbow page D19 	1988 90° Elbow page D19 	Seal-Lok™ O-Ring Face Seal	JS88 Female - Swivel Long page D21 	JC88 Female - Swivel Short page D21 	J788 Female - Swivel 45° Elbow page D20 
J988 Female - Swivel 90° Elbow page D20 	Union	8888 Union page D20 	Hose Clamps	88HC Hose Clamp page D20 	88HC-H Hose Clamp page D20 
88DB Heavy Duty Clamp page D20 					

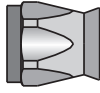
Reusable Hose Fittings – 90 Series

NPTF Pipe	20190 Male Taper Pipe Rigid page D21 	SAE (JIC) 37°	20690 SAE (JIC) 37° Swivel page D21 	23790 JIC 37° Swivel 45° Elbow page D22 	23990 JIC 37° Swivel 90° Elbow page D22 
SAE 45° Swivel	20890 SAE 45° Swivel page D21 	27790 45° Swivel 45° Elbow page D23 	27990 45° Swivel 90° Elbow page D23 	SAE Male Inverted Swivel	22890 SAE Male Inverted Swivel Straight page D21 
26790 SAE Male Inverted Swivel 45° Elbow page D22 	26990 SAE Male Inverted Swivel 90° Elbow page D22 	Straight Tube	23490 Straight Tube page D22 	SAE Compression Air Brake	26190 SAE Compression Air Brake page I17 

Reusable Hose Fittings – 90 Series (Continued)

**Replace-
ment Com-
ponents**

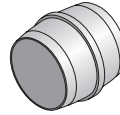
20090
Replacement Socket
[page D23](#)



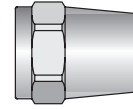
090
Replacement Ferrule
[page D23](#)



60HAB
Compression
Air Brake Sleeve
[page D24](#)

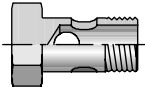


61 HAB
Compression
Air Brake Nut
[page D24](#)



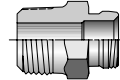
Banjo Bolt

AM
Banjo Bolt
[page D24](#)



**Air Brake
Adapter**

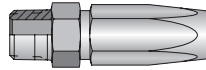
017M
Air Brake Adapter
[page D24](#)



Reusable Hose Fittings – BU Series

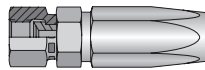
**Male Taper
Rigid**

201BU
Male Taper Pipe Rigid
[page D23](#)



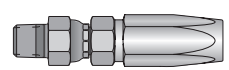
**SAE (JIC)
37°**

206BU
SAE (JIC) 37° Swivel
[page D23](#)



**Male Taper
Swivel**

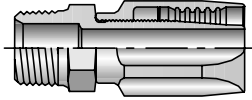
213BU
Male Taper Pipe Swivel
[page D23](#)



20 Series

20120

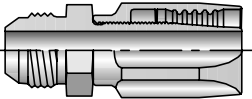
Male NPTF Pipe - Rigid



Part Number	Thread inch	Hose inch	Hose ID inch
20120-2-4	1/8x27	3/16	
20120-2-5	1/8x27	1/4	
20120-4-4	1/4x18	3/16	
20120-4-5	1/4x18	1/4	
20120-4-6	1/4x18	5/16	
20120-6-6	3/8x18	5/16	
20120-6-8	3/8x18	13/32	
20120-8-8	1/2x14	13/32	
20120-8-10	1/2x14	1/2	
20120-12-10	3/4x14	1/2	
20120-12-12	3/4x14	5/8	
20120-12-16	3/4x14	7/8	
20120-16-16	1x11-1/2	7/8	
20120-16-16B	1x11-1/2	7/8	
20120-20-20	1-1/4x11-1/2	1-1/8	
20120-20-20B	1-1/4x11-1/2	1-1/8	
20120-24-24	1-1/2x11-1/2	1-3/8	
20120-24-24B	1-1/2x11-1/2	1-3/8	
20120-32-32	2 x11-1/2	1-13/16	
20120-32-32B	2 x11-1/2	1-13/16	
20120-40-40	2-1/2x8	2-3/8	

20320

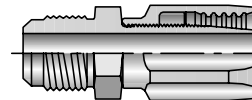
Male JIC 37° - Rigid



Part Number	Thread inch	Hose inch	Hose ID inch
20320-4-4	1/4	7/16x20	3/16
20320-5-5	5/16	1/2x20	1/4
20320-6-6	3/8	9/16x18	5/16
20320-8-8	1/2	3/4x16	13/32
20320-10-10	5/8	7/8x14	1/2
20320-12-12	3/4	1-1/16x12	5/8
20320-16-16	1	1-5/16x12	7/8

20420

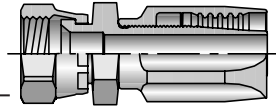
Male SAE 45° - Rigid



Part Number	Thread inch	Hose inch	Hose ID inch
20420-4-4	1/4	7/16x20	3/16
20420-5-5	5/16	1/2x20	1/4
20420-6-6	3/8	5/8x18	5/16
20420-10-10	5/8	7/8x14	1/2
20420-12-12	3/4	1-1/16x14	5/8

20620

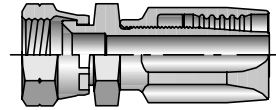
Female JIC 37° - Swivel



Part Number	Thread inch	Hose inch	Hose ID inch
20620-4-4	1/4	7/16x20	3/16
20620-4-5	1/4	7/16x20	1/4
20620-5-5	5/16	1/2x20	1/4
20620-6-5	3/8	9/16x18	1/4
20620-6-6	3/8	9/16x18	5/16
20620-8-6	1/2	3/4x16	5/16
20620-8-8	1/2	3/4x16	13/32
20620-8-10	1/2	3/4x16	1/2
20620-10-8	5/8	7/8x14	13/32
20620-10-10	5/8	7/8x14	1/2
20620-10-12	5/8	7/8x14	5/8
20620-12-12	3/4	1-1/16x12	5/8
20620-16-16	1	1-5/16x12	7/8
20620-20-20	1-1/4	1-5/8x12	1-1/8
20620-24-24	1-1/2	1-7/8x12	1-3/8
20620-32-32	2	2-1/2x12	1-13/16

20820

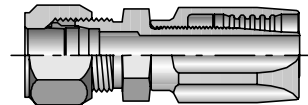
Female SAE 45° - Swivel



Part Number	Thread inch	Hose inch	Hose ID inch
20820-4-4	1/4	7/16x20	3/16
20820-4-5	1/4	7/16x20	1/4
20820-5-5	5/16	1/2x20	1/4
20820-6-6	3/8	5/8x18	5/16
20820-8-8	1/2	3/4x16	3/8
20820-8-10	1/2	3/4x16	1/2
20820-10-10	5/8	7/8x14	1/2
20820-12-12	3/4	1-1/16x14	5/8

21120

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

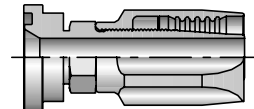


Part Number	Thread inch	Hose ID inch
21120-6-6	3/8 9/16x18	5/16
21120-8-8	1/2 3/4x16	13/32

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 [Section N](#).

21520

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

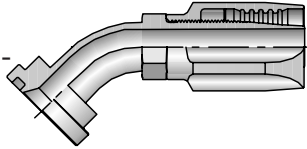


Part Number	Flange inch	Hose ID inch
21520-40-40	2-1/2	2-3/8

Use with [201](#), [206](#), [266](#), [221FR](#), and [SS25UL](#) hoses.
Dimensions and pressures are for reference only and are subject to change.

21720

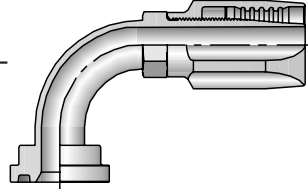
SAE Code 61 Flange Head - 45° Elbow
ISO 12151-3- E45S - L
(1 Piece: ISO 12151-3- E45M - L)



Part Number	Flange inch	Hose ID inch
21720-40-40	2-1/2	2-3/8

21920

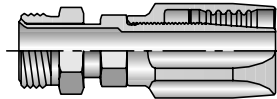
SAE Code 61 Flange Head - 90° Elbow
ISO 12151-3- E90S - L
(1 Piece: ISO 12151-3- E90M - L)



Part Number	Flange inch	Hose ID inch
21920-8-8	1/2	13/32
21920-32-32	2	1-13/16
21920-40-40	2-1/2	2-3/8

22820

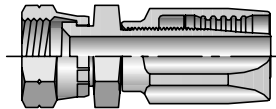
Male Inverted SAE 45° - Swivel



Part Number	Thread inch	Hose ID inch
22820-4-4	1/4 7/16x24	3/16
22820-5-5	5/16 1/2x20	1/4
22820-6-6	3/8 5/8x18	5/16
22820-8-8	1/2 3/4x18	13/32
22820-10-10	5/8 7/8x18	1/2

23220

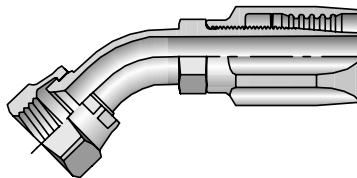
Female PTT 30° - Swivel



Part Number	Thread inch	Hose ID inch
23220-16-16	1 1-5/16x14	7/8

23720

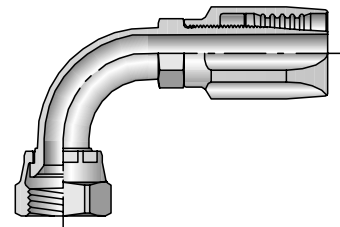
Female JIC 37° - Swivel - 45° Elbow - Short Drop



Part Number	Thread inch	Hose ID inch
23720-4-4	1/4 7/16x20	3/16
23720-5-5	5/16 1/2x20	1/4
23720-6-6	3/8 9/16x18	5/16
23720-8-6	1/2 3/4x16	5/16
23720-10-10	5/8 7/8x14	1/2
23720-12-12	3/4 1-1/16x12	5/8
23720-16-16	1 1-5/16x12	7/8
23720-20-20	1-1/4 1-5/8x12	1-1/8

23920

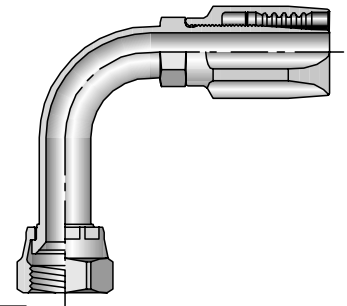
Female JIC 37° - Swivel - 90° Elbow - Short Drop



Part Number	Thread inch	Hose ID inch
23920-4-4	1/4 7/16x20	3/16
23920-5-5	5/16 1/2x20	1/4
23920-6-6	3/8 9/16x18	5/16
23920-8-8	1/2 3/4x16	13/32
23920-10-10	5/8 7/8x14	1/2
23920-12-12	3/4 1-1/16x12	5/8
23920-16-16	1 1-5/16x12	7/8
23920-20-20	1-1/4 1-5/8x12	1-1/8
23920-24-24	1-1/2 1-7/8x12	1-3/8

24120

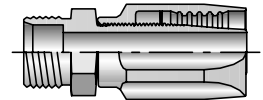
Female JIC 37° - Swivel - 90° Elbow - Long Drop



Part Number	Thread inch	Hose ID inch
24120-4-4	1/4 7/16x20	3/16
24120-6-6	3/8 9/16x18	5/16
24120-8-8	1/2 3/4x16	13/32
24120-10-10	5/8 7/8x14	1/2
24120-12-12	3/4 1-1/16x12	5/8

26120

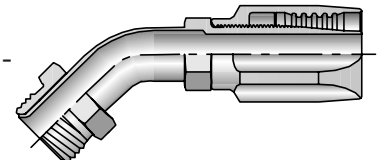
Male SAE Compression Seat (without Nut or Sleeve)



Part Number	Thread inch	Hose ID inch
26120-10-10	5/8 13/16x18	1/2

26720

Male Inverted SAE 45° - Swivel - 45° Elbow



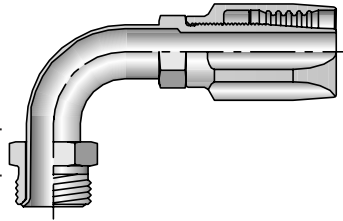
Part Number	Thread inch	Hose ID inch
26720-4-4	1/4 7/16x24	3/16
26720-5-5	5/16 1/2x20	1/4
26720-6-6	3/8 5/8x18	5/16
26720-8-8	1/2 3/4x18	13/32

Use with 201, 206, 266, 221FR, and SS25UL hoses.
Dimensions and pressures are for reference only and are subject to change.

26920

Male Inverted SAE 45° - Swivel - 90° Elbow

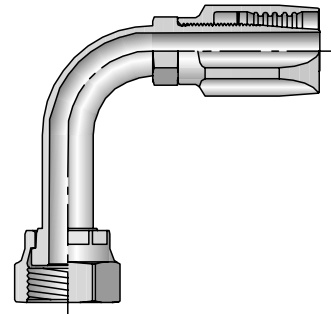
Part Number	Thread inch	Hose ID inch
26920-4-4	1/4 7/16x24	3/16
26920-5-5	5/16 1/2x20	1/4
26920-5-6	5/16 1/2x20	5/16
26920-6-6	3/8 5/8x18	5/16
26920-8-8	1/2 3/4x18	13/32



2J120

Female Seal-Lok™ - Swivel - 90° Elbow - Long Drop
ISO 12151-1 - SWEL90

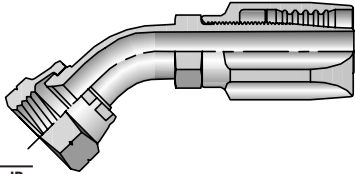
Part Number	Thread inch	Hose ID inch
2J120-4-4	1/4 9/16x18	3/16
2J120-6-6	3/8 11/16x16	5/16
2J120-8-8	1/2 13/16x16	13/32



27720

Female SAE 45° - Swivel - 45° Elbow

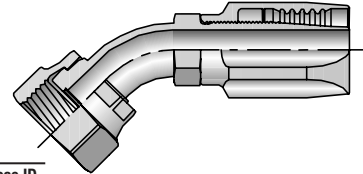
Part Number	Thread inch	Hose ID inch
27720-6-6	3/8 5/8x18	5/16
27720-8-6	1/2 3/4x16	5/16
27720-8-8	1/2 3/4x16	13/32
27720-10-10	5/8 7/8x14	1/2



2J720

Female Seal-Lok™ - Swivel - 45° Elbow
ISO 12151-1 - SWE45

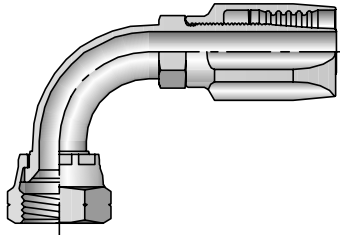
Part Number	Thread inch	Hose ID inch
2J720-4-4	1/4 9/16x18	3/16
2J720-6-6	3/8 11/16x16	5/16
2J720-8-8	1/2 13/16x16	13/32
2J720-10-10	5/8 1x14	1/2



27920

Female SAE 45° - Swivel - 90° Elbow

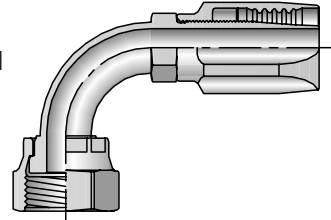
Part Number	Thread inch	Hose ID inch
27920-4-4	1/4 7/16x20	3/16
27920-5-5	5/16 1/2x20	1/4
27920-6-6	3/8 5/8x18	5/16
27920-8-8	1/2 3/4x16	13/32
27920-10-10	5/8 7/8x14	1/2
27920-12-12	3/4 1-1/16x14	5/8



2J920

Female Seal-Lok™ - Swivel 90° Elbow - Short Drop
ISO 12151-1 - SWE90

Part Number	Thread inch	Hose ID inch
2J920-4-4	1/4 9/16x18	3/16
2J920-6-6	3/8 11/16x16	5/16
2J920-8-8	1/2 13/16x16	13/32
2J920-10-10	5/8 1x14	1/2
2J920-12-12	3/4 1-3/16x12	5/8

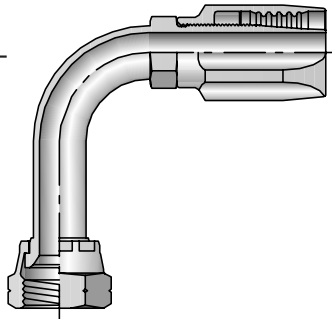


28120

Female SAE 45° - Swivel - 90° Elbow - Long Drop

Part Number	Thread inch	Hose ID inch
28120-6-6	3/8 5/8x18	5/16
28120-8-8	1/2 3/4x16	13/32

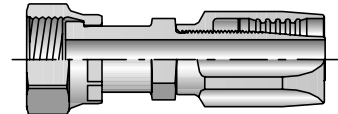
Notch in nut signifies 45° flare.



2JS20

Female Seal-Lok™ - Swivel - Long
ISO 12151-1 - SWSB

Part Number	Thread inch	Hose ID inch
2JS20-4-4	1/4 9/16x18	3/16
2JS20-6-6	3/8 11/16x16	5/16
2JS20-8-8	1/2 13/16x16	13/32
2JS20-10-10	5/8 1x14	1/2
2JS20-12-12	3/4 1-3/16x12	5/8



Use with 201, 206, 266, 221FR, and SS25UL hoses.

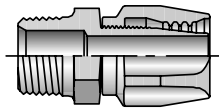
Dimensions and pressures are for reference only and are subject to change.

21 Series

20121

Male NPTF Pipe - Rigid

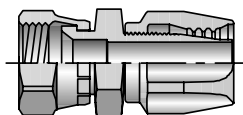
Part Number	Thread inch	Hose ID inch
20121-2-4	1/8x27	3/16
20121-4-4	1/4x18	3/16
20121-4-5	1/4x18	1/4
20121-4-6	1/4x18	5/16
20121-6-6	3/8x18	5/16
20121-6-8	3/8x18	13/32
20121-8-8	1/2x14	13/32
20121-8-10	1/2x14	1/2
20121-12-12	3/4x14	5/8
20121-12-16	3/4x14	7/8
20121-16-16	1x11-1/2	7/8
20121-16-20	1x11-1/2	1-1/8
20121-20-20	1-1/4x11-1/2	1-1/8
20121-24-24	1-1/2x11-1/2	1-3/8



20621

Female JIC 37° - Swivel

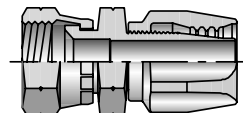
Part Number	Thread inch	Hose ID inch	
20621-4-4	1/4	7/16x20	3/16
20621-5-5	5/16	1/2x20	1/4
20621-6-6	3/8	9/16x18	5/16
20621-8-8	1/2	3/4x16	13/32
20621-10-10	5/8	7/8x14	1/2
20621-12-12	3/4	1-1/16x12	5/8
20621-16-16	1	1-5/16x12	7/8
20621-20-20	1-1/4	1-5/8x12	1-1/8



20821

Female SAE 45° - Swivel

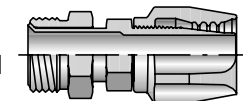
Part Number	Thread inch	Hose ID inch	
20821-4-4	1/4	7/16x20	3/16
20821-6-6	3/8	5/8x18	5/16
20821-8-8	1/2	3/4x16	13/32
20821-10-10	5/8	7/8x14	1/2
20821-12-12	3/4	1-1/16x14	5/8



22821

Male Inverted SAE 45° - Swivel

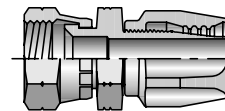
Part Number	Thread inch	Hose ID inch	
22821-4-4	1/4	7/16x24	3/16
22821-5-4	5/16	1/2x20	3/16
22821-5-5	5/16	1/2x20	1/4
22821-4-6	1/4	7/16x24	5/16
22821-5-6	5/16	1/2x20	5/16
22821-6-6	3/8	5/8x18	5/16
22821-6-8	3/8	5/8x18	13/32
22821-8-8	1/2	3/4x18	13/32
22821-10-10	5/8	7/8x18	1/2
22821-12-12	3/4	1-1/16x16	5/8



23221

Female PTT 30° - Swivel

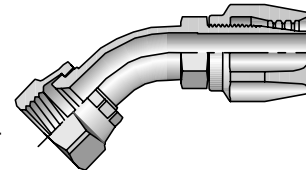
Part Number	Thread inch	Hose ID inch	
23221-16-16	1	1-5/16x14	7/8
23221-20-20	1-1/4	1-5/8x14	1-1/8



23721

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

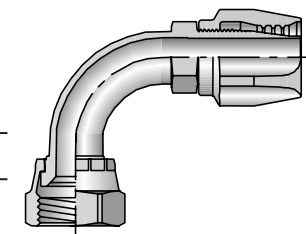
Part Number	Thread inch	Hose ID inch	
23721-4-4	1/4	7/16x20	3/16
23721-4-6	1/4	7/16x20	5/16
23721-5-5	5/16	1/2x20	1/4
23721-6-6	3/8	9/16x18	5/16
23721-8-8	1/2	3/4x16	13/32
23721-10-10	5/8	7/8x14	1/2
23721-12-12	3/4	1-1/16x12	5/8
23721-16-16	1	1-5/16x12	7/8
23721-20-20	1-1/4	1-5/8x12	1-1/8



23921

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

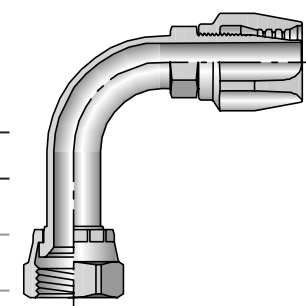
Part Number	Thread inch	Hose ID inch	
23921-4-4	1/4	7/16 x20	3/16
23921-4-6	1/4	7/16 x 20	5/16
23921-5-5	5/16	1/2 x 20	1/4
23921-8-8	1/2	3/4 x 16	13/32
23921-10-10	5/8	7/8 x 14	1/2
23921-12-12	3/4	1-1/16 x 12	5/8
23921-16-16	1	1-5/16 x 12	7/8
23921-20-20	1-1/4	1-5/8 x 12	1-1/8
23921-24-24	1-1/2	1-5/8 x 12	1-3/8



24121

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

Part Number	Thread inch	Hose ID inch	
23921-4-4	1/4	7/16 x20	3/16
23921-4-6	1/4	7/16 x 20	5/16
23921-5-5	5/16	1/2 x 20	1/4
23921-8-8	1/2	3/4 x 16	13/32
23921-10-10	5/8	7/8 x 14	1/2
23921-12-12	3/4	1-1/16 x 12	5/8
23921-16-16	1	1-5/16 x 12	7/8
23921-20-20	1-1/4	1-5/8 x 12	1-1/8
23921-24-24	1-1/2	1-5/8 x 12	1-3/8

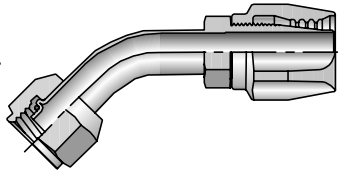


Use with 213, 285, 293 hoses.

Dimensions and pressures are for reference only and are subject to change.

25H21

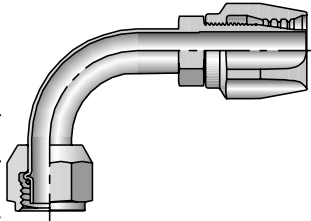
Female Tube-O - Swivel - 45° Elbow - Short Pilot



Part Number	Thread inch	Hose ID inch
25H21-6-6	3/8 5/8x18	5/16
25H21-8-8	1/2 3/4x16	13/32

25L21

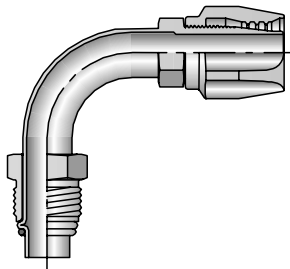
Female Tube-O - Swivel - 90° Elbow - Long Pilot



Part Number	Thread inch	Hose ID inch
25L21-6-6	3/8 5/8x18	5/16
25L21-8-8	1/2 3/4x16	13/32
25L21-10-10	5/8 7/8x14	1/2
25L21-12-10	3/4 1-1/16x14	5/8

25M21

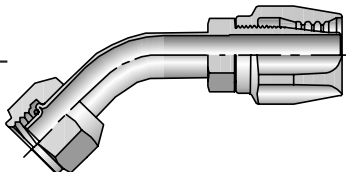
Male Tube-O - Swivel - 90° Elbow - Long Pilot



Part Number	Thread inch	Hose ID inch
25M21-6-6	3/8 5/8x18	5/16
25M21-8-8	1/2 3/4x18	13/32
25M21-10-10	5/8 7/8x18	1/2

25N21

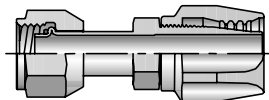
Female Tube-O - Swivel - 45° Elbow - Long Pilot



Part Number	Thread inch	Hose ID inch
25N21-6-6	3/8 5/8x18	5/16
25N21-8-8	1/2 3/4x16	13/32
25N21-10-10	5/8 7/8x14	1/2

25S21

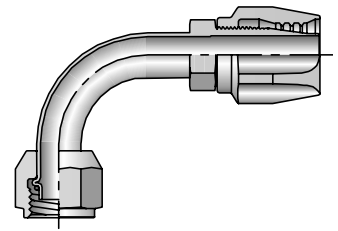
Female Tube-O - Swivel - Short Pilot



Part Number	Thread inch	Hose ID inch
25S21-6-6	3/8 5/8x18	5/16
25S21-8-8	1/2 3/4x16	13/32
25S21-10-10	5/8 7/8x14	1/2

25T21

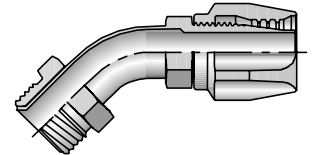
Female Tube-O - Swivel - 90° Elbow - Short Pilot



Part Number	Thread inch	Hose ID inch
25T21-6-6	3/8 5/8x18	5/16
25T21-8-8	1/2 3/4x16	13/32
25T21-10-10	5/8 7/8x14	1/2

26721

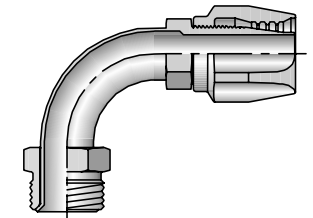
Male Inverted SAE 45° - Swivel - 45° Elbow



Part Number	Thread inch	Hose ID inch
26721-4-4	1/4 7/16x24	3/16
26721-5-5	5/16 1/2x20	1/4
26721-6-5	3/8 5/8x18	1/4
26721-4-6	1/4 7/16x24	5/16
26721-5-6	5/16 1/2x20	5/16
26721-6-6	3/8 5/8x18	5/16
26721-8-8	1/2 3/4x18	13/32
26721-10-10	5/8 7/8x18	1/2

26921

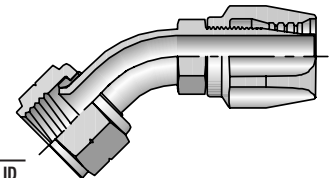
Male Inverted SAE 45° - Swivel - 90° Elbow



Part Number	Thread inch	Hose ID inch
26921-4-4	1/4 7/16x24	3/16
26921-5-4	1/4 1/2x20	3/16
26921-5-5	5/16 1/2x20	1/4
26921-4-6	1/4 7/16x24	5/16
26921-5-6	5/16 1/2x20	5/16
26921-6-6	3/8 5/8x18	5/16
26921-6-8	3/8 5/8x18	13/32
26921-8-8	1/2 3/4x18	13/32
26921-10-10	5/8 7/8x18	1/2

27721

Female SAE 45° - Swivel - 45° Elbow



Part Number	Thread inch	Hose ID inch
27721-6-6	3/8 5/8x18	5/16
27721-12-12	3/4 1-1/16x14	5/8

Notch in nut signifies 45° flare.

Use with [213](#), [285](#), [293](#) hoses.

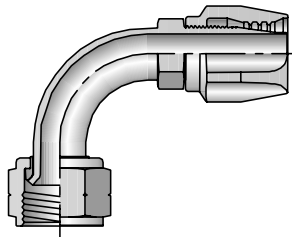
Dimensions and pressures are for reference only and are subject to change.

27921

Female SAE 45° - Swivel - 90° Elbow

Part Number	Thread inch	Hose ID inch
27921-6-6	3/8 5/8x18	5/16
27921-12-12	3/4 1-1/16x14	5/8

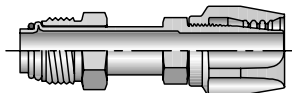
Notch in nut signifies 45° flare.



2S521

Male Tube-O - Swivel - Short Pilot

Part Number	Thread inch	Hose ID inch
2S521-6-6	3/8 5/8x18	5/16
2S521-8-8	1/2 3/4x18	13/32
2S521-10-10	5/8 7/8x18	1/2

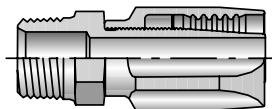


22 Series

20122

Male NPTF Pipe - Rigid

Part Number	Thread inch	Hose ID inch
20122-2-4	1/8x27	3/16
20122-4-4	1/4x18	3/16
20122-4-4B	1/4x18	3/16
20122-2-5	1/8x27	1/4
20122-4-5	1/4x18	1/4
20122-4-5B	1/4x18	1/4
20122-4-6	1/4x18	5/16
20122-4-6B	1/4x18	5/16
20122-6-8	3/8x18	13/32
20122-6-8B	3/8x18	13/32
20122-8-8	1/2x14	13/32
20122-8-10	1/2x14	1/2
20122-12-12	3/4x14	5/8
20122-12-12B	3/4x14	5/8

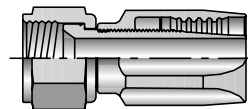


20622

Female JIC 37° - Swivel

Part Number	Thread inch	Hose ID inch
20622-4-4~	1/4 7/16x20	3/16
20622-4-4B~	1/4 7/16x20	3/16
20622-5-5~	5/16 1/2x20	1/4
20622-5-5B~	5/16 1/2x20	1/4
20622-6-6	3/8 9/16x18	5/16
20622-6-6B	3/8 9/16x18	5/16
20622-8-8~	1/2 3/4x16	13/32
20622-8-8B~	1/2 3/4x16	13/32
20622-10-10~	5/8 7/8x14	1/2
20622-10-10B	5/8 7/8x14	1/2
20622-12-12	3/4 1-1/16x12	5/8
20622-12-12B	3/4 1-1/16x12	5/8
20622-16-16	1 1-5/16x12	7/8
20622-16-16B	1 1-5/16x12	7/8
20622-20-20	1-1/4 1-5/8x12	1-1/8
20622-20-20B	1-1/4 1-5/8x12	1-1/8
20622-24-24	1-1/2 1-7/8x12	1-3/8
20622-24-24B	1-1/2 1-7/8x12	1-3/8
20622-32-32	2 2-1/2x12	1-13/16
20622-32-32B	2 2-1/2x12	1-13/16
20622-40-40	2-1/2 3x12	2-3/8

~These 20622 fittings contain a dual seat that accepts both the JIC (37°) and SAE (45°) male configurations. The -6 and -12 SAE (45°) swivel fittings are shown under part number 20822.

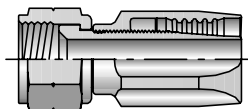


20822

Female SAE 45° - Swivel

Part Number	Thread inch	Hose ID inch
20822-4-4	1/4 7/16x20	3/16
20822-4-4B	1/4 7/16x20	3/16
20822-5-5	5/16 1/2x20	1/4
20822-5-5B	5/16 1/2x20	1/4
20822-6-6	3/8 5/8x18	5/16
20822-6-6B	3/8 5/8x18	5/16
20822-8-8	1/2 3/4x16	13/32
20822-8-8B	1/2 3/4x16	13/32
20822-10-10	5/8 7/8x14	1/2
20822-10-10B	5/8 7/8x14	1/2
20822-12-12	3/4 1-1/16x14	5/8
20822-12-12B	3/4 1-1/16x14	5/8

Notch in nut for SAE (45°) flare.



21 Series: Use with 213, 285, 293 hoses.

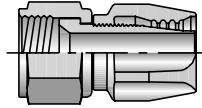
22 Series: Use with 201, 206, 221FR, 266, SS25UL hoses.

Dimensions and pressures are for reference only and are subject to change.

23 Series

20623

Female JIC 37° - Swivel

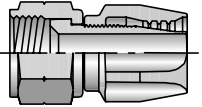


Part Number	Thread inch	Hose ID inch	Hose ID mm
20623-4-4~	1/4	7/16x20	3/16
20623-5-5~	5/16	1/2x20	1/4
20623-6-6	3/8	9/16x18	5/16
20623-8-8~	1/2	3/4x16	13/32
20623-10-10~	5/8	7/8x14	1/2
20623-12-12	3/4	1-1/16x12	5/8
20623-16-16	1	1-5/16x12	7/8
20623-20-20	1-1/4	1-5/8x12	1-1/8
20623-24-24	1-1/2	1-7/8x12	1-3/8
20623-32-32	2	2-1/2x12	1-13/16

~ These 20623 fittings contain a dual seat that accepts both the JIC (37°) and SAE (45°) male configurations. The -6 and -12 SAE (45°) swivel fittings are shown under part number 20823.

20823

Female SAE 45° - Swivel

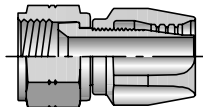


Part Number	Thread inch	Hose ID inch	Hose ID mm
20823-4-4	1/4	7/16x20	3/16
20823-4-4B	1/4	7/16x20	3/16
20823-4-4BA	1/4	7/16x20	3/16
20823-5-5	5/16	1/2x12	1/4
20823-5-5B	5/16	1/2x12	1/4
20823-5-5BA	5/16	1/2x12	1/4
20823-6-6	3/8	5/8x18	5/16
20823-6-6B	3/8	5/8x18	5/16
20823-6-6BA	3/8	5/8x18	5/16
20823-8-8	1/2	3/4x16	13/32
20823-8-8B	1/2	3/4x16	13/32
20823-8-8BA	1/2	3/4x16	13/32
20823-10-10	5/8	7/8x14	1/2
20823-10-10B	5/8	7/8x14	1/2
20823-10-10BA	5/8	7/8x14	1/2
20823-12-12	3/4	1-1/16x14	5/8
20823-12-12B	3/4	1-1/16x14	5/8
20823-12-12BA	3/4	1-1/16x14	5/8

Notch on nut signifies SAE 45° flared fitting.

23223

Female PTT 30° - Swivel

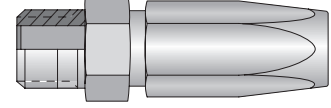


Part Number	Thread inch	Hose ID inch	Hose ID mm
23223-16-16	1	1-5/16x14	7/8
23223-20-20	1-1/4	1-5/8x14	1-1/8
23223-24-24	1-1/2	1-7/8x14	1-3/8

51 Series

20151

Male Taper Pipe Rigid

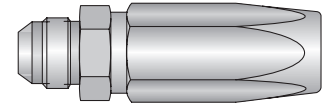


Part Number	Thread Size	Hose ID inch	Hose ID mm
20151-2-3	1/8-27	3/16	5
20151-4-3	1/4-18	3/16	5
20151-2-4	1/8-27	1/4	6
20151-4-4	1/4-18	1/4	6
20151-4-5	1/4-18	5/16	8
20151-6-5	3/8-18	5/16	8
20151-4-6	1/4-18	3/8	10
20151-6-6	3/8-18	3/8	10
20151-8-6	1/2-14	3/8	10
20151-6-8	3/8-18	1/2	13
20151-8-8	1/2-14	1/2	13
20151-12-12	3/4-14	3/4	19
20151-16-16	1-11-1/2	1	25

Construction: Steel.
Add "C" for Stainless Steel.

20351

Male (JIC) 37° - Rigid

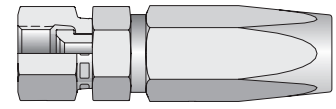


Part Number	Thread Size	Hose ID inch	Hose ID mm
20351-4-3	7/16-20	3/16	5
20351-5-4	1/2-20	1/4	6
20351-6-5	9/16-18	5/16	8
20351-6-6	9/16-18	3/8	10
20351-8-6	3/4-16	3/8	10
20351-8-8	3/4-16	1/2	13

Construction: Steel.
Add "C" for Stainless Steel.

20651

SAE (JIC) 37° Swivel



Part Number	Thread Size	Hose ID inch	Hose ID mm
20651-4-3	7/16-20	3/16	5
20651-4-4	7/16-20	1/4	6
20651-5-4	1/2-20	1/4	6
20651-6-4	9/16-18	1/4	6
20651-6-5	9/16-18	5/16	8
20651-6-6	9/16-18	3/8	10
20651-8-6	3/4-16	3/8	10
20651-8-8	3/4-16	1/2	13
20651-10-8	7/8-14	1/2	13
20651-12-12	1-1/16-12	3/4	19
20651-16-16	1-5/16-12	1	25

Construction: Steel.
Add "C" for Stainless Steel.

23 Series: Use with 213, 285, 293 hoses.

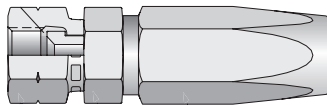
51 Series: Use with 510C, 518C hoses.

51 Series field attachable couplings are not intended for use on hose that has previously been in service.

Dimensions and pressures are for reference only and are subject to change.

20851

SAE 45° Swivel

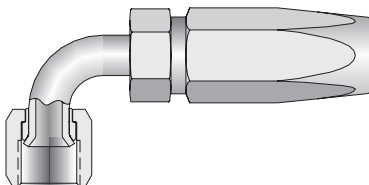


Part Number	Thread Size	Hose ID inch	Hose ID mm
20851-6-6	5/8-18	3/8	10

Construction: Steel.
Add "C" for Stainless Steel.

23951

JIC 37° Swivel 90° Elbow Short Drop



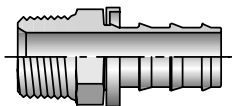
Part Number	Thread Size	Hose ID inch	Hose ID mm
23951-4-3	7/16-20	3/16	5
23951-6-6	9/16-18	3/8	10
23951-8-6	3/4-16	3/8	10

Construction: Steel.
Add "C" for Stainless Steel.

82 Series

30182

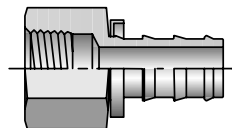
Male NPTF Pipe - Rigid



Part Number	Thread inch	Hose ID inch
30182-2-4	1/8x27	1/4
30182-4-4	1/4x18	1/4
30182-4-6	1/4x18	3/8
30182-4-8	1/4x18	1/2
30182-6-6	3/8x18	3/8
30182-6-8	3/8x18	1/2
30182-8-6	1/2x14	3/8
30182-8-8	1/2x14	1/2
30182-8-10	1/2x14	5/8
30182-8-12	1/2x14	3/4
30182-12-8	3/4x14	1/2
30182-12-10	3/4x14	5/8
30182-12-12	3/4x14	3/4
30182-16-16	1x11-1/2	1

30282

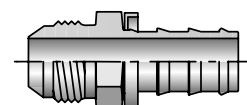
Female NPTF Pipe - Rigid



Part Number	Thread inch	Hose ID inch
30282-4-4	1/4x18	1/4
30282-6-6	3/8x18	3/8
30282-8-8	1/2x14	1/2

30382

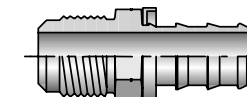
Male JIC 37° - Rigid



Part Number	Thread inch	Hose ID inch
30382-4-4	1/4 7/16x20	1/4
30382-5-4	5/16 1/2x20	1/4
30382-6-6	3/8 9/16x18	3/8
30382-8-8	1/2 3/4x16	1/2
30382-10-10	5/8 7/8x14	5/8
30382-12-12	3/4 1-1/16x12	3/4

30482

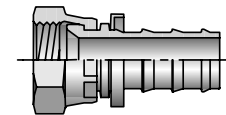
Male SAE 45° - Rigid



Part Number	Thread inch	Hose ID inch
30482-4-4B	1/4 7/16x20	1/4
30482-5-4B	5/16 1/2x20	1/4
30482-6-6B	3/8 5/8x18	3/8
30482-8-8B	1/2 3/4x16	1/2

30682

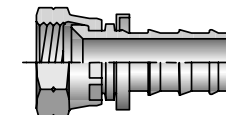
Female JIC 37° - Swivel



Part Number	Thread inch	Hose ID inch
30682-4-4	1/4 7/16x20	1/4
30682-5-4	5/16 1/2x20	1/4
30682-5-6	5/8 1/2x20	3/8
30682-6-4	3/8 9/16x18	1/4
30682-6-6	3/8 9/16x18	3/8
30682-6-8	3/8 9/16x18	1/2
30682-8-6	1/2 3/4x16	3/8
30682-8-8	1/2 3/4x16	1/2
30682-10-8	5/8 7/8x14	1/2
30682-10-10	5/8 7/8x14	5/8
30682-12-12	3/4 1-1/16x12	3/4
30682-16-16	1 1-5/16x12	1

30882

Female SAE 45° - Swivel



Part Number	Thread inch	Hose ID inch
30882-4-4	1/4 7/16x20	1/4
30882-5-4	5/16 1/2x20	1/4
30882-6-6	3/8 5/8x18	3/8
30882-8-6	1/2 3/4x16	3/8
30882-8-8	1/2 3/4x16	1/2
30882-10-10	5/8 7/8x14	5/8
30882-12-12	3/4 1-1/16x14	3/4

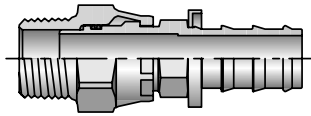
82 Series: Use with 801, 804, 821, 821FR, 836 hoses.
51 Series: Use with 510C, 518C hoses.

51 Series field attachable couplings are not intended for use on hose that has previously been in service.
Dimensions and pressures are for reference only and are subject to change.

31382

Male NPTF Pipe - Swivel

Part Number	Thread inch	Hose ID inch
31382-4-4	1/4x18	1/4
31382-6-6	3/8x18	3/8
31382-8-8	1/2x14	1/2
31382-8-10	1/2x14	5/8
31382-12-12	3/4x14	3/4

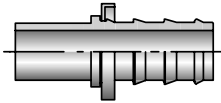


O-Ring not compatible with Phosphate Ester fluids.

31D82

Male Standpipe Metric L - Rigid

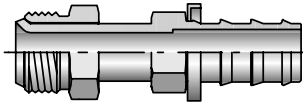
Part Number	R mm	Hose ID inch
31D82-6-4	6	1/4
31D82-8-4	8	1/4
31D82-10-6	10	3/8
31D82-12-6	12	3/8
31D82-15-8	15	1/2
31D82-18-10	18	5/8
31D82-22-12	22	3/4



32882

Male Inverted SAE 45° - Swivel

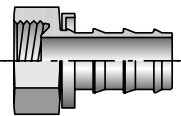
Part Number	Thread inch	Hose ID inch
32882-3-4	3/16	3/8x24
32882-4-4	1/4	7/16x24
32882-5-4	5/16	1/2x20
32882-6-6	3/8	5/8x18
32882-8-8	1/2	3/4x18
32882-10-10	5/8	7/8x18



32982

Female Inverted SAE 45° - Rigid

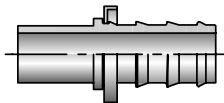
Part Number	Thread inch	Hose ID inch
32982-4-4B	1/4	7/16x24
32982-5-4B	5/16	1/2x20
32982-6-6B	3/8	5/8x18
32982-8-8B	1/2	3/4x18



33482

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

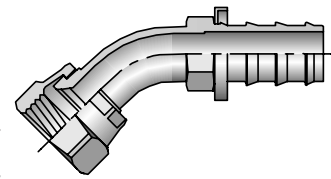
Part Number	R inch	Hose ID inch
33482-4-4	1/4	1/4
33482-5-4	5/16	1/4
33482-6-6	3/8	3/8
33482-8-8	1/2	1/2
33482-10-10	5/8	5/8
33482-12-12	3/4	3/4



33782

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

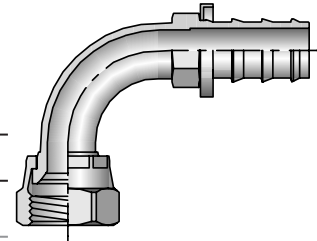
Part Number	Thread inch	Hose ID inch
33782-4-4	1/4	7/16x20
33782-6-6	3/8	9/16x18
33782-8-8	1/2	3/4x16
33782-10-10	5/8	7/8x14



33982

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

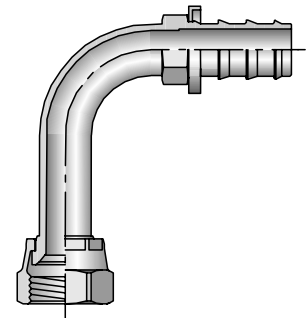
Part Number	Thread inch	Hose ID inch
33982-4-4	1/4	7/16x20
33982-6-6	3/8	9/16x18
33982-8-8	1/2	3/4x16
33982-10-10	5/8	7/8x14
33982-12-12	3/4	1-1/16x12



34182

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

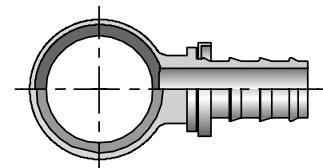
Part Number	Thread inch	Hose ID inch
34182-4-4	1/4	7/16x20
34182-6-6	3/8	9/16x18



34982

DIN Metric Banjo

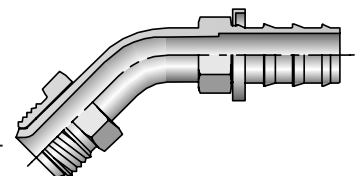
Part Number	R mm	Hose ID inch
34982-8-4	8	1/4
34982-10-4	10	1/4
34982-12-4	12	1/4
34982-12-6	12	3/8
34982-14-4	14	1/4
34982-14-6	14	3/8
34982-16-6	16	3/8
34982-18-8	18	1/2



36782

Male Inverted SAE 45° - Swivel - 45° Elbow

Part Number	Thread inch	Hose ID inch
36782-4-4	1/4	7/16x24
36782-6-6	3/8	5/8x18



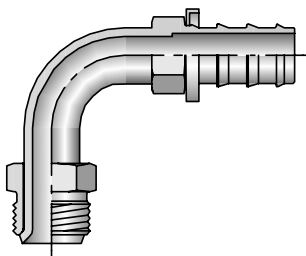
Use with 801, 804, 821, 821FR, 836 hoses.

Dimensions and pressures are for reference only and are subject to change.

36982

Male Inverted SAE 45° - Swivel - 90° Elbow

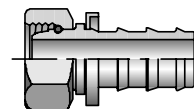
Part Number	Thread inch	Hose ID inch
36982-4-4	1/4 7/16x24	1/4
36982-5-4	5/16 1/2x20	1/4
36982-6-6	3/8 5/8x18	3/8



39282

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

Part Number	Thread inch	Hose ID inch
39282-4-4	1/4x19	1/4
39282-6-6	3/8x19	3/8
39282-8-8	1/2x14	1/2
39282-12-12	3/4x14	3/4

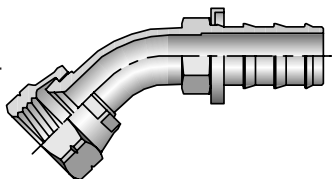


When measuring overall length to the end of the nut, B + C dimensions must be used to calculate cut-off allowances.

37782

Female SAE 45° - Swivel - 45° Elbow

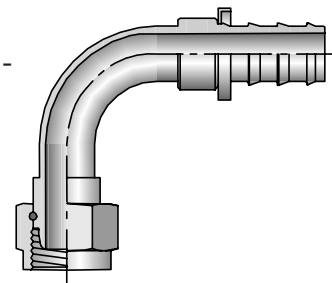
Part Number	Thread inch	Hose ID inch
37782-4-4	1/4 7/16x20	1/4
37782-6-6	3/8 5/8x18	3/8
37782-8-8	1/2 3/4x16	1/2



3B282

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

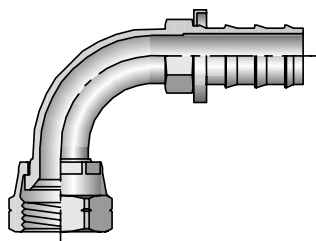
Part Number	Thread inch	Hose ID inch
3B282-4-4	1/4x19	1/4
3B282-6-6	3/8x19	3/8
3B282-8-8	1/2x14	1/2
3B282-10-10	5/8x14	5/8



37982

Female SAE 45° - Swivel - 90° Elbow

Part Number	Thread inch	Hose ID inch
37982-4-4	1/4 7/16x20	1/4
37982-6-6	3/8 5/8x18	3/8
37982-8-8	1/2 3/4x16	1/2



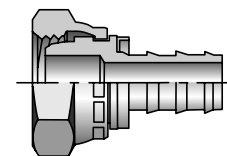
Notch in nut signifies 45° flare.

3C382

Female Metric L - Swivel - (Ball Nose)

End Connection per ISO 8434-1-SWOS

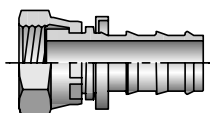
Part Number	Thread mm	Hose ID inch
3C382-8-4B	8 M14x1,5	1/4
3C382-10-6B	10 M16x1,5	3/8
3C382-15-8B	15 M22x1,5	1/2
3C382-22-12B	22 M30x2	3/4



37G82

Female NPSM Pipe - Gasket Joint - Swivel

Part Number	Gasket	Thread inch	Hose ID inch
37G82-4-4	07G-4	1/4x18	1/4
37G82-4-6	07G-4	1/4x18	3/8
37G82-6-6	07G-6	3/8x18	3/8
37G82-8-8	07G-8	1/2x14	1/2
37G82-8-10	07G-8	1/2x14	5/8
37G82-12-12	07G-12	3/4x14	3/4



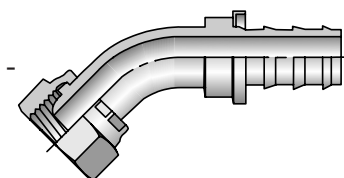
Textile gasket included with fitting.

3C482

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

End Connection per ISO 8434-1-SWOE

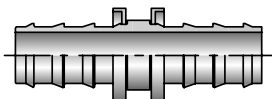
Part Number	Thread mm	Hose ID inch
3C482-8-4B	8 M14x1,5	1/4
3C482-10-6B	10 M16x1,5	3/8
3C482-15-8B	15 M22x1,5	1/2
3C482-22-12	22 M30x2	3/4



38282

Push-Lok Union

Part Number	Hose ID inch
38282-4-4	1/4
38282-6-6	3/8
38282-8-8	1/2
38282-10-10	5/8
38282-12-12	3/4
38282-16-16	1

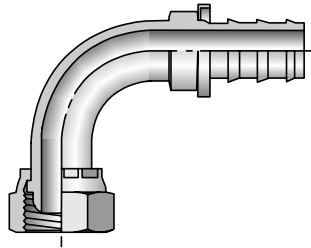


Use with 801, 804, 821, 821FR, 836 hoses.

Dimensions and pressures are for reference only and are subject to change.

3C582

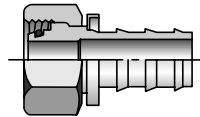
Female Metric L - Swivel - 90° Elbow - (Ball Nose)
End Connection per ISO 8434-1-SWOE



Part Number	Thread mm	Hose ID inch
3C582-8-4B	8 M14x1,5	1/4
3C582-10-6B	10 M16x1,5	3/8
3C582-15-8B	15 M22x1,5	1/2
3C582-22-12B	22 M30x2	3/4

3CA82

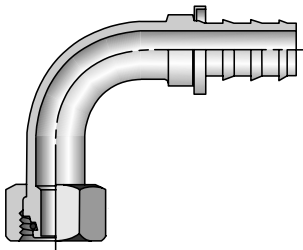
Female Metric L - Swivel - (24° Cone with O-Ring)
ISO 12151-2 - SWS



Part Number	Thread mm	Hose ID inch
3CA82-8-4	8 M14x1,5	1/4
3CA82-10-6	10 M16x1,5	3/8
3CA82-10-6B	10 M16x1,5	3/8
3CA82-12-6	12 M18x1,5	3/8
3CA82-15-8	15 M22x1,5	1/2
3CA82-22-12	22 M30x2	3/4

3CF82

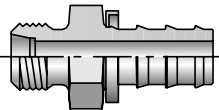
Female Metric L - Swivel - 90° Elbow - (24° Cone with O-Ring)
ISO 12151-2 - SWE



Part Number	Thread mm	Hose ID inch
3CF82-8-4	8 M14x1,5	1/4
3CF82-10-6	10 M16x1,5	3/8
3CF82-10-6B	10 M16x1,5	3/8
3CF82-12-6	12 M18x1,5	3/8
3CF82-15-8	15 M22x1,5	1/2
3CF82-22-12	22 M30x2	3/4

3D082

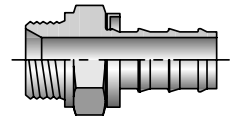
Male Metric L - Rigid - (24° Cone)



Part Number	Thread mm	Hose ID inch
3D082-6-4	6 M12x1,5	1/4
3D082-8-4	8 M14x1,5	1/4
3D082-10-6	10 M16x1,5	3/8
3D082-12-6	12 M18x1,5	3/8

3D982

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

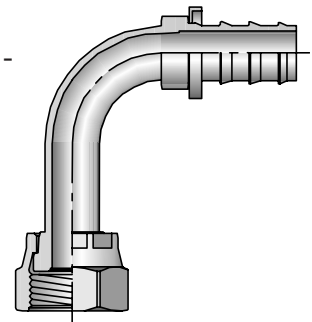


Part Number	Hose ID inch
3D982-2-4	1/4
3D982-4-4	1/4
3D982-4-6	3/8
3D982-6-6	3/8
3D982-8-8	1/2
3D982-8-10	5/8
3D982-12-12	3/4

Bonded seal required if fitting is used directly in a port.

3J182

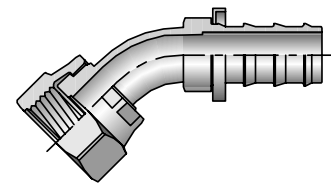
Female Seal-Lok™ - Swivel - 90° Elbow - Long Drop
ISO 12151-1 - SWEL90



Part Number	Thread inch	Hose ID inch
3J182-6-6	3/8 11/16x16	3/8
3J182-8-8	1/2 13/16x16	1/2

3J782

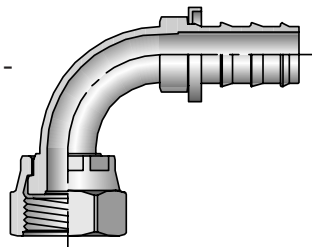
Female Seal-Lok™ - Swivel - 45° Elbow
ISO 12151-1 - SWE45



Part Number	Thread inch	Hose ID inch
3J782-4-4	1/4 9/16x18	1/4
3J782-6-6	3/8 11/16x16	3/8
3J782-8-8	1/2 13/16x16	1/2

3J982

Female Seal-Lok™ - Swivel - 90° Elbow - Short Drop
ISO 12151-1 - SWES90



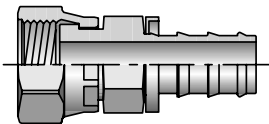
Part Number	Thread inch	Hose ID inch
3J982-4-4	1/4 9/16x18	1/4
3J982-6-6	3/8 11/16x16	3/8
3J982-6-8	3/8 11/16x16	1/2
3J982-8-6	1/2 13/16x16	3/8
3J982-8-8	1/2 13/16x16	1/2
3J982-10-10	5/8 1x14	5/8
3J982-12-12	3/4 1-3/6x12	3/4

Use with 801, 804, 821, 821FR, 836 hoses.

Dimensions and pressures are for reference only and are subject to change.

3JC82

Female Seal-Lok™ - Swivel - Short
ISO 12151-1 - SWSA

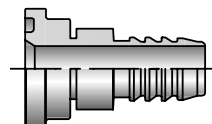


Part Number	Thread inch	Hose ID inch
3JC82-4-4	1/4 9/16x18	1/4
3JC82-6-6	3/8 11/16x16	3/8
3JC82-6-6SM	3/8 11/16x16	3/8
3JC82-8-6	1/2 13/16x16	3/8
3JC82-8-8	1/2 13/16x16	1/2
3JC82-10-10	5/8 1x14	5/8
3JC82-12-12	3/4 1-3/16x12	3/4
3JC82-16-16	1 1-7/16x12	1

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

1588

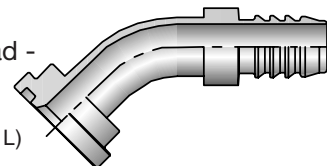
SAE Code 61 Flange Head
ISO 12151-3 - S - L



Part Number	Flange inch	Hose ID inch
1588-16-16	1	1
1588-20-20	1-1/4	1-1/4
1588-24-24	1-1/2	1-1/2
1588-32-32	2	2
1588-40-40	2-1/2	2-1/2
1588-48-40	3	2-1/2

1788

SAE Code 61 Flange Head - 45° Elbow
ISO 12151-3 - E45S - L
(1 Piece: ISO 12151-3 - E45M - L)

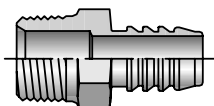


Part Number	Flange inch	Hose ID inch
1788-16-16	1	1
1788-20-20	1-1/4	1-1/4
1788-24-24	1-1/2	1-1/2
1788-32-32	2	2
1788-40-40	2-1/2	2-1/2
1788-48-40	3	2-1/2

88 Series

0188

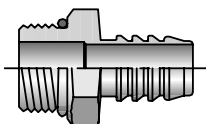
Male NPTF Pipe - Rigid



Part Number	Thread inch	Hose ID inch
0188-12-12	3/4x14	3/4
0188-16-16	1x11-1/2	1
0188-20-20	1-1/4x11-1/2	1-1/4
0188-20-24	1-1/4x11-1/2	1-1/2
0188-24-24	1-1/2x11-1/2	1-1/2
0188-32-32	2x11-1/2	2
0188-40-40	2-1/2x8	2-1/2

0588

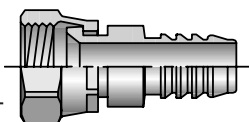
Male SAE Straight Thread with O-Ring - Rigid



Part Number	Thread inch	Hose ID inch
0588-12-12	1-1/16x12	3/4
0588-16-16	1-5/16x12	1
0588-20-20	1-5/8x12	1-1/4

0688

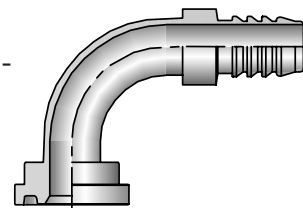
Female JIC 37° - Swivel



Part Number	Thread inch	Hose ID inch
0688-12-12	3/4 1-1/16x12	3/4
0688-16-12	1 1-5/16x12	3/4
0688-16-16	1 1-5/16x12	1
0688-20-20	1-1/4 1-5/8x12	1-1/4
0688-24-24	1-1/2 1-7/8x12	1-1/2
0688-32-32	2 2-1/2x12	2

1988

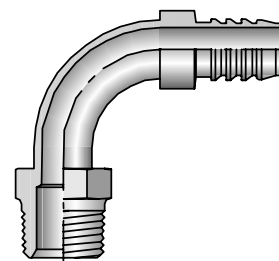
SAE Code 61 Flange Head - 90° Elbow
ISO 12151-3 - E90S - L
(1 Piece: ISO 12151-3 - E90M - L)



Part Number	Flange inch	Hose ID inch
1988-16-16	1	1
1988-20-20	1-1/4	1-1/4
1988-24-24	1-1/2	1-1/2
1988-32-32	2	2
1988-40-40	2-1/2	2-1/2
1988-48-40	3	2-1/2

2188

Male NPTF Pipe - Rigid - 90° Elbow



Part Number	Thread inch	Hose ID inch
2188-12-12	3/4x14	3/4
2188-16-16	1x11-1/2	1
2188-20-20	1-1/4x11-1/2	1-1/4
2188-24-24	1-1/2x11-1/2	1-1/2
2188-32-32	2x11-1/2	2

82 Series: Use with 801, 804, 821, 821FR, 836 hoses.

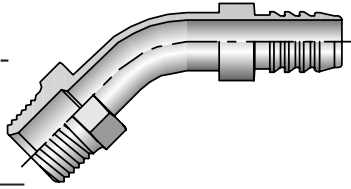
88 Series: Use with 811, 811HT, 881 hoses.

- See the [next page](#) for clamps for 88 Series fittings.
- See [Section E](#) for 81 Series crimp shells.
- See [Section M](#) for O-Rings and Flange Kits.
- See [Section N](#) for Assembly Instructions.

Dimensions and pressures are for reference only and are subject to change.

3188

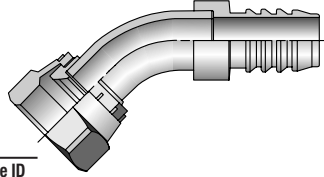
Male NPTF Pipe - Rigid - 45° Elbow



Part Number	Thread inch	Hose ID inch
3188-16-16	1x11-1/2	1
3188-20-20	1-1/4x11-1/2	1-1/4

3788

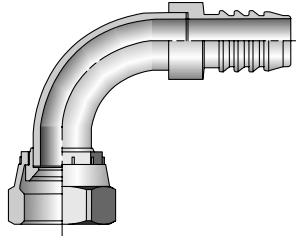
Female JIC 37° - Swivel



Part Number	Thread inch	Hose ID inch
3788-12-12	3/4 1-1/16x12	3/4
3788-16-16	1 1-5/16x12	1
3788-20-20	1-1/4 1-5/8x12	1-1/4

3988

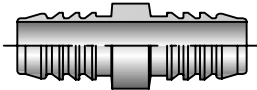
Female JIC 37° - Swivel



Part Number	Thread inch	Hose ID inch
3988-12-12	3/4 1-1/16x12	3/4
3988-16-16	1 1-5/16x12	1
3988-20-20	1-1/4 1-5/8x12	1-1/4
3988-24-24	1-1/2 1-7/8x12	1-1/2

8888

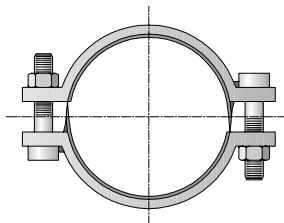
Union (Hose Splicer)



Part Number	Hose ID inch
8888-12-12	3/4
8888-16-16	1
8888-20-20	1-1/4
8888-24-24	1-1/2
8888-32-32	2

88DB

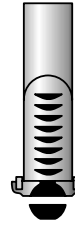
Heavy Hose Clamp (Double Bolt)



Part Number	Hose ID inch
88DB-12	3/4
88DB-16	1
88DB-20	1-1/4
88DB-24	1-1/2
88DB-32	2

88HC

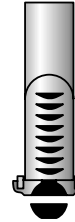
Hose Clamp (Worm Gear)



Part Number	Hose ID inch
88HC-12	3/4
88HC-16	1
88HC-20	1-1/4
88HC-24	1-1/2
88HC-32	2

88HC-H

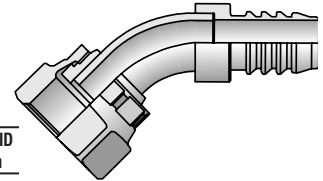
Hose Clamp (High Torque Worm Gear)



Part Number	Hose ID inch
88HC-16C	3/4
88HC-16H	1
88HC-20H	1-1/4
88HC-24H	1-1/2
88HC-32H	2

J788

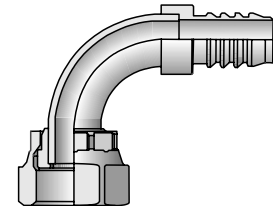
Female Seal-Lok - Swivel - 45° Elbow



Part Number	Thread inch	Hose ID inch
J788-12-12	3/4 1-3/16x12	3/4
J788-16-16	1 1-7/16x12	1
J788-20-20	1-1/4 1-11/16x12	1-1/4

J988

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



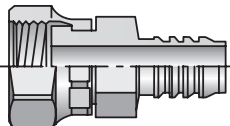
Part Number	Thread inch	Hose ID inch
J988-12-12	3/4 1-3/16x12	3/4
J988-16-16	1 1-7/16x12	1
J988-16-16C	1 1-7/16x12	1
J988-20-20	1-1/4 1-11/16x12	1-1/4
J988-24-24	1-1/2 2x12	1-1/2

- See [Section E](#) for 81 Series crimp shells.
 - See [Section M](#) for O-Rings and Flange Kits.
 - See [Section N](#) for Assembly Instructions.
- Use with [811](#), [811HT](#), [881](#) hoses.

Dimensions and pressures are for reference only and are subject to change.

JC88

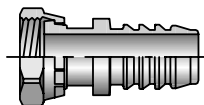
Female Seal-Lok - Swivel - Short
ISO 12151- 1 - SWSA



Part Number	Thread inch	Hose ID inch
JC88-12-12	3/4 1-3/16x12	3/4
JC88-16-12	1 1-7/16x12	3/4
JC88-16-16	1 1-7/16x12	1
JC88-20-16	1-1/4 1-11/16x12	1
JC88-20-20	1-1/4 1-11/16x12	1-1/4

JS88

Female Seal-Lok™ - Swivel - Long
ISO - 12151-1 - SWSB

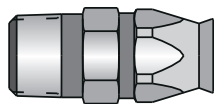


Part Number	Thread inch	Hose ID inch
JS88-20-20	1-1/4 1-11/16x12	1-1/4
JS88-24-24	1-1/2 2x12	1-1/2

90 Series

20190

Male Taper Pipe Rigid

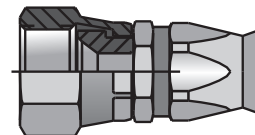


Part Number	Thread Size	Hose Size
20190-2-4	1/8-27	-4
20190-4-4	1/4-18	-4
20190-4-5	1/4-18	-5
20190-4-6	1/4-18	-6
20190-6-6	3/8-18	-6
20190-6-8	3/8-18	-8
20190-8-8	1/2-14	-8
20190-8-10	1/2-14	-10
20190-12-12	3/4-14	-12
20190-12-16	3/4-14	-16
20190-16-16	1-11-1/2	-16
20190-20-20	1-1/4-11-1/2	-20

Construction: Brass nipple and ferrule, steel socket.
Add "C" for Stainless Steel.

20690

SAE (JIC) 37° Swivel



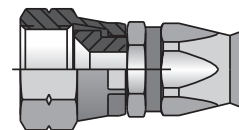
Part Number	Thread Size	Hose Size
20690-4-4	7/16-20	-4
20690-5-5	1/2-20	-5
20690-6-6	9/16-18	-6
20690-8-6	3/4-16	-6
20690-8-8	3/4-16	-8
20690-8-10	3/4-16	-10
20690-10-10	7/8-14	-10
20690-12-12	1-1/16-12	-12
20690-16-16	1-5/16-12	-16
20690-20-20	1-5/8-12	-20

Construction: Brass nipple and ferrule, steel nut and socket.
Add "C" for Stainless Steel.

NOTE: Sizes -4, -5, -8 and -10 incorporate a dual seat.

20890

SAE 45° Swivel

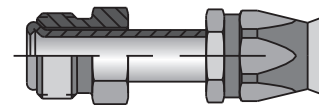


Part Number	Thread Size	Hose Size
20890-6-6	5/8-18	-6
20890-12-12	1-1/16-14	-12

Construction: Brass nipple and ferrule, steel nut and socket.
Add "C" for Stainless Steel.

22890

SAE Male Inverted Swivel - Straight



Part Number	Thread Size	Hose Size
22890-4-4	7/16-24	-4
22890-5-5	1/2-20	-5
22890-5-6	1/2-20	-6
22890-6-6	5/8-18	-6
22890-8-8	3/4-18	-8
22890-10-10	7/8-18	-10
22890-12-12	1-1/16-16	-12

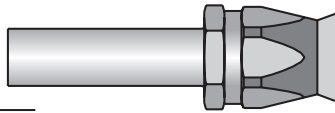
Construction: Brass ferrule, steel tube, nut and socket.
Add "C" for Stainless Steel.

- 88 Series: Use with 811, 811HT, 881 hoses.
- See [Section E](#) for 81 Series crimp shells.
 - See [Section M](#) for O-Rings and Flange Kits.
 - See [Section N](#) for Assembly Instructions.
- 90 Series: Use with 919 hose.

Dimensions and pressures are for reference only and are subject to change.

23490

Straight Tube



Part Number	Hose Size	Tube Size	
		inch	mm
23490-8-8	-8	1/2	6
23490-8-10	-10	1/2	8
23490-10-8	-8	5/8	8
23490-10-10	-10	5/8	10
23490-12-12	-12	3/4	13

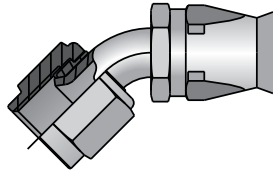
Construction: Brass nipple and ferrule, steel socket.

Add "C" for Stainless Steel.

NOTE: 26T90 fitting includes 23490 with the 60HAB sleeve and 61HAB nut.

23790

JIC 37° Swivel 45° Elbow



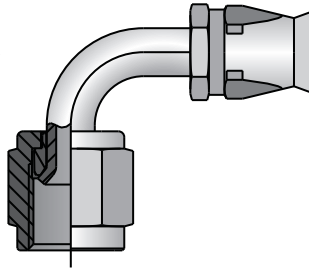
Part Number	Thread Size	Hose Size
23790-4-4	7/16-20	-4
23790-5-5	1/2-20	-5
23790-6-6	9/16-18	-6
23790-8-6	3/4-16	-6
23790-8-8	3/4-16	-8
23790-10-10	7/8-14	-10
23790-12-12	1-1/16-12	-12
23790-16-16	1-5/16-12	-16
23790-20-20	1-5/8-12	-20

Construction: Brass ferrule, steel tube, nut and socket.

Add "C" for Stainless Steel.

23990

JIC 37° Swivel 90° Elbow Short Drop



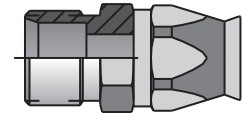
Part Number	Thread Size	Hose Size
23990-4-4	7/16-20	-4
23990-5-5	1/2-20	-5
23990-6-6	9/16-18	-6
23990-8-6	3/4-16	-6
23990-8-8	3/4-16	-8
23990-10-10	7/8-14	-10
23990-12-12	1-1/16-12	-12
23990-16-16	1-5/16-12	-16
23990-20-20	1-5/8-12	-20

Construction: Brass ferrule, steel tube, nut and socket.

Add "C" for Stainless Steel.

26190

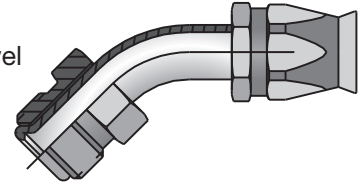
SAE Compression Air Brake



See [page I17](#).

26790

SAE Male Inverted Swivel 45° Elbow



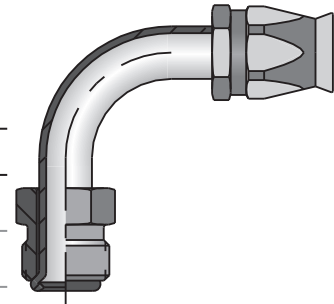
Part Number	Thread Size	Hose Size
26790-4-4	7/16-24	-4
26790-5-5	1/2-20	-5
26790-5-6	1/2-20	-6
26790-6-6	5/8-18	-6
26790-8-8	3/4-18	-8
26790-8-10	3/4-18	-10
26790-10-10	7/8-18	-10
26790-12-12	1-1/16-16	-12

Construction: Brass ferrule, steel tube, nut and socket.

Add "C" for Stainless Steel.

26990

SAE Male Inverted Swivel 90° Elbow



Part Number	Thread Size	Hose Size
26990-4-4	7/16-24	-4
26990-5-5	1/2-20	-5
26990-5-6	1/2-20	-6
26990-6-6	5/8-18	-6
26990-8-8	3/4-18	-8
26990-8-10	3/4-18	-10
26990-10-10	7/8-18	-10
26990-12-12	1-1/16-16	-12

Construction: Brass ferrule, steel tube, nut and socket.

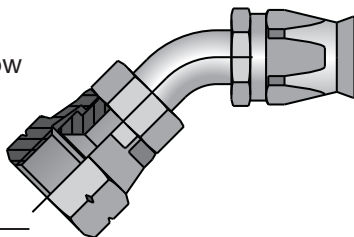
Add "C" for Stainless Steel.

90 Series: Use with 919 hose.

Dimensions and pressures are for reference only and are subject to change.

27790

SAE 45° Swivel 45° Elbow

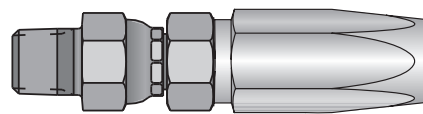


Part Number	Thread Size	Hose Size
27790-6-6	5/8-18	-6
27790-12-12	1-1/16-14	-12

Construction: Brass ferrule, steel tube, nut and socket.
Add "C" for Stainless Steel.

213BU

Male Taper Pipe Swivel



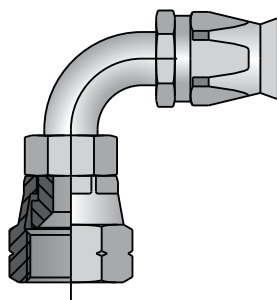
Part Number	Thread Size	Hose I.D.	
		inch	mm
213BU-2-2	1/8-27	1/8	3

Construction: Steel.

⚠ WARNING: Fittings allow minor movement to relieve stress on hose but are not recommended for continued or extensive swiveling. Not recommended for use in CNG applications.

27990

SAE 45° Swivel 90° Elbow



Part Number	Thread Size	Hose Size
27990-4-4	7/16-20	-4
27990-5-5	1/2-20	-5
27990-6-6	5/8-18	-6
27990-8-8	3/4-16	-8
27990-12-12	1-1/16-14	-12

Construction: Brass ferrule, steel tube, nut and socket.
Add "C" for Stainless Steel.

Replacement Components

090

Replacement Ferrule for 90 Series Field Attachable Fittings



Part Number	Hose Size
090-4B	-4
090-5B	-5
090-6B	-6
090-8B	-8
090-10B	-10
090-12B	-12
090-16B	-16
090-20B	-20

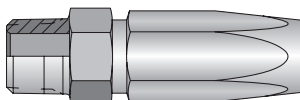
Construction: Brass.

Replace "B" with "C" for Stainless Steel.

BU Series

201BU

Male Taper Pipe Rigid

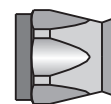


Part Number	Thread Size	Hose I.D.	
		inch	mm
201BU-2-2	1/8-27	1/8	3

Construction: Steel.

20090

Replacement Socket for Field Attachable Fittings



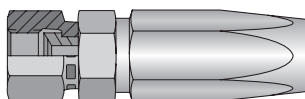
Part Number	Hex inch
20090-4	9/16
20090-5	5/8
20090-6	11/16
20090-8	7/8
20090-10	1
20090-12	1-1/8
20090-16	1-3/8
20090-20	1-3/4

Construction: Steel or Stainless Steel.

Add "C" for Stainless Steel.

206BU

Female SAE (JIC) 37° Swivel



Part Number	Thread Size	Hose I.D.	
		inch	mm
206BU-3-2	3/8-24	1/8	3
206BU-4-2	7/16-20	1/8	3
206BU-4-3	7/16-20	1/8	3

Construction: Steel.

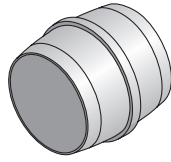
NOTE: Size -4 incorporates a dual seat.

90 Series: Use with 919 hose.
Dimensions and pressures are for reference only and are subject to change.



60 HAB

SAE Compression Airbrake Sleeve



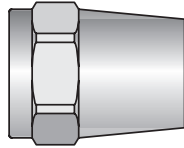
Part Number	Tube Size	
	inch	mm
60HAB-4	1/4	6
60HAB-6	3/8	10
60HAB-8	1/2	13
60HAB-10	5/8	16
60HAB-12	3/4	19

Construction: Brass.

NOTE: To be used with 13491N & 23490.

61 HAB

SAE Compression Airbrake Nut



Part Number	Thread Size	Tube Size	
		inch	mm
61HAB-4	7/16-24	1/4	6
61HAB-6	7/32-24	3/8	10
61HAB-8	11/16-20	1/2	13
61HAB-10	13/16-18	5/8	16
61HAB-12	1-18	3/4	19

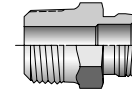
Construction: Brass.

NOTE: To be used with 13491N & 23490 Fittings.

Air Brake Adapter

017M

Air Brake Adapter

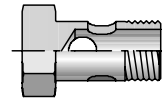


Part Number	Thread End 1		Thread End 2	
	NPTF	inch	UNEFinch	
017M-6-8B	6	3/8X18	8	3/4X20
017M-8-8B	8	1/2X14	8	3/4X20

Banjo Bolt

AM

Banjo Bolt with DIN Metric Thread



Part Number	R	Thread mm	Copper Washer (2)
AM-03	8	M8x1	853009-8
AM-04	10	M10x1	853009-10
AM-06	12	M12x1.5	853009-12
AM-08	14	M14x1.5	853009-14
AM-10	16	M16x1.5	853009-16
AM-13	18	M18x1.5	853009-18
AM-16	22	M22x1.5	853009-22
AM-20	26	M26x1.5	853009-26
AM-30	30	M30x1.5	853009-30

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