



Fittings

FITTINGS

Parkrimp (crimp) Series

Field Attachable Series

Visit www.parkerhose.com for 3D CAD drawings.



NPTF

Seal-Lok[®]

Hose
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Parkrimp (crimp) Series of Fittings

25 Series	B-5
26 Series	B-9
43 Series	B-27
70 Series	B-59
71 Series	B-69
73 Series	B-83
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Field Attachable Series of Fittings

20 Series	B-127
21 Series	B-137
22 Series	B-145
23 Series	B-149
30 Series	B-153
42 Series	B-159
82 Series	B-166
88 Series	B-183
TB Series	B-189

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

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

"A" Dimension
Overall Length

Hex size
Use to determine the wrench size

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

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, 265, 293, SS23CG hoses.

Lists approved hoses for fitting series

10126
Male NPTF Pipe - Rigid - Straight

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

# Part Number	Thread inch	Hose I.D. inch	A		H		B		Additional Material Brass
			inch	mm	inch	mm	inch	mm	
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	

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Fittings 26 Series
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Indicates Fitting Section

Continued on next page

How to Read the Fittings Section

Continued from previous page

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 or shell)
- 1JC43-12-8C - End connection (In this case, a female Seal-Lok – swivel – straight)
- 1JC43-12-8C - Fitting series
- 1JC43-12-8C - Size of fitting end connection (In this case, 12/16" or 3/4")
- 1JC43-12-8C - Hose size (In this case, 8/16" or 1/2")
- 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 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.

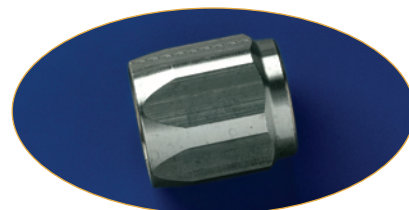
Example: 20120-16-16B

Socket Part Number

Example: 20020-16B

- 20020-16B - Fitting (1 = Crimp, 2 = Field Attachable, 3 = Push-Lok, Blank = Nipple with clamp or shell)
- 20020-16B - End connection ("00" represents that it is a socket)
- 20020-16B - Fitting series
- 20020-16B - Hose size (In this case, 16/16" or 1")
- 20020-16B - 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



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)
- 0120-16-16B - End connection (In this case, a male NPTF Pipe – rigid – straight)
- 0120-16-16B - Fitting series
- 0120-16-16B - Size of fitting end connection (In this case, 16/16" or 1")
- 0120-16-16B - Hose size (In this case, 16/16" or 1")
- 0120-16-16B - 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




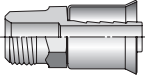
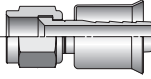
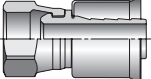
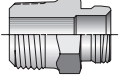
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 <p>Flange</p>	<p>10125 B-6</p>  <p>Rigid</p>	<p>10825 B-6</p>  <p>Swivel</p>	<p>17B25 B-6</p>  <p>Swivel</p>	<p>017M B-6</p>  <p>Swivel</p>	<p>B-7</p> <p>Assembly Instructions</p>
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Hose
A

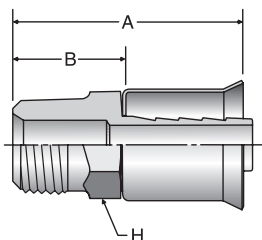
Fittings 25 Series
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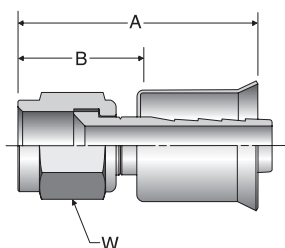
Technical
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10125 Male NPTF Pipe - Rigid



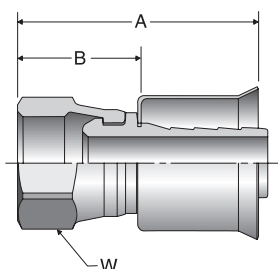
# Part Number	Thread inch	Hose I.D. inch	A		H inch	B	
			inch	mm		inch	mm
10125-6-6B-VS	3/8X18	3/8	1.72	44	11/16	1.00	25
10125-6-8B-VS	3/8X18	1/2	1.72	44	11/16	1.00	25
10125-8-6B-VS	1/2X14	3/8	2.05	52	7/8	1.33	34
10125-8-8B-VS	1/2X14	1/2	2.05	52	7/8	1.33	34

10825 Female SAE 45° - Swivel



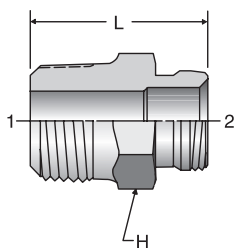
# Part Number	Thread inch	Hose I.D. inch	A		H inch	B	
			inch	mm		inch	mm
10825-6-6B	5/8X18	3/8	1.82	46	3/4	1.10	28
10825-8-6B	3/4X16	3/8	1.80	46	7/8	1.08	27
10825-8-8B	3/4X16	1/2	1.95	50	7/8	1.22	31

17B25 Female Air Brake Jounce Line - Swivel - Straight



# Part Number	Thread inch	Hose I.D. inch	A		H inch	B	
			inch	mm		inch	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



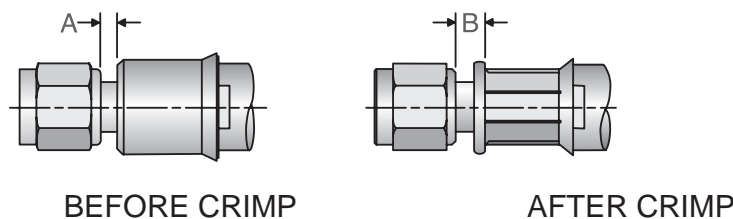
# Part Number	Thread End 1 NPTF inch		Thread End 2 UNEFInch		L		H inch
	inch	mm	inch	mm	inch	mm	
017M-6-8B	6	3/8X18	8	3/4X20	1.13	29	3/4
017M-8-8B	8	1/2X14	8	3/4X20	1.33	34	7/8

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)



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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