

# FITTINGS



## Hydraulic Fitting Families

The Continental fitting product line is broken into sections based on the fitting type:

1	2	3	4	5	6	7	8	9	10
B2	SG	S6, SE, DG	BT	UC	FG	TP	UT	Specialty	Ferrules
SR1SN	SR12	SR13	HR4	SR1SN	SR5	SR7	DUT	NSFX	SR1SN
DR1SN	ARC12	ARC13		SR2SN	DR5	TR7		Hot Oiler	SR2SN
SFS	SR13	SR15		SR3		NR7		SGUN	SR3
SR2SN	ARC13	ARC15		SR5		BR7		SHJ	SR5
DR2SN	SR15	XCP5S		DR5		SR8		IG	DR5
LR16SC	ARC15	XCP6S		SR6		TR8		IGHT	SR6
LR2SN	LCP4S			HR6		NR8		IGTC	HR6
LCP3	LCP6S			HR4		SR18		FXG	HR4
SR16SC	S4SP			SR14A					SR14A
ARC16SC	S4SH			SFS					SFS
DR16SC	XCP3S			SCP3					SCP3
XR16SC	XCP4S			ACP3					ACP3
SCP3	XCP5S			BOP					BOP
ACP3	XCP6S								SR13
XCP3									ARC13
XCP4									SR15
SR12									S4SP
ARC12									S4SH
Hot Oiler									XCP6S

## Quick-Find™ Fittings

Continental Brand Quick-Find™ Hydraulic Hose and Fitting catalog makes fitting selection very easy with a 5-step process.

### Step 1 - Choose the Hose Type

The first step in choosing the correct fitting is selecting the hose type from one of the 9 sections (excluding ferrules).

*Note: Some hose may appear in more than one section, depending on the hose dash size and/or whether the desired fitting solution is a one-piece (B2, BT, SG, S6), two-piece (UC, DG) or re-attachable (FG).*

### Step 2 - Choose the Fitting Description

Once the hose type has been identified, go to the correct section and view the available fittings for that particular hose. Within the content of each section there is a table for each fitting.

The Fitting Description at the top of each table describes the following elements:

<b>JIC 37° Flare (SAE J514)</b>	<b>Female</b>	<b>45° Elbow</b>	<b>Swivel</b>
Thread Description	Gender	Elbow	Swivel or Non-Swivel

### Step 3 - Choose Hose ID and Thread Size

Choose the correct fitting selected in Step 2 based on the Hose ID and Thread Size. In some cases, a fitting may be available in several thread sizes. As an example, a JIC 37° Flare (SAE J514) Female Swivel is available for a Hose ID of 3/8" and thread sizes 9/16 -18 and 3/4 -16.

### Step 4 - Determine Availability for Hose Type

With the desired fitting identified by Hose ID and thread size in Step 3, confirm the fitting is compatible for a particular hose type by referencing the hose listed in the footer shown on the bottom of the page.

### Step 5 - Note the Part Number

The fitting part number can now be noted. The part number is found on the left side of the chart. For UC and DG two-piece fittings, see Section 10 - Ferrules to find the appropriate ferrule.



Download the **MyCrimp App** for more information.

## General Information

Fitting Selection

## FITTINGS



# Hydraulic Fittings Nomenclature

EXAMPLE: **B2 - JCFX45 - 0608**



FITTING FAMILY	THREAD DESCRIPTION	HOSE DASH SIZE	THREAD DASH SIZE
<b>First 2 Characters</b>	<b>Next 2-7 Characters</b>	<b>Next 2 Characters</b>	<b>Last 2 Characters</b>
<b>B2</b> <b>BT</b> Ultra-Crimp™ <b>S6</b> (1-piece fitting) <b>SG</b>	Refer to the next page for detailed information.	All hose except SAE 100R5, DUT and Galaxy Hose:	See the Thread Reference Chart for converting dash size to thread sizes (starting on page 334).
<b>T7</b> Thermoplastic <b>T8</b> (1-piece fitting)		<b>02</b> 1/8" (32 mm) <b>03</b> 3/16" (4.8 mm) <b>04</b> 1/4" (6.4 mm) <b>05</b> 5/16" (7.9 mm) <b>06</b> 3/8" (9.5 mm) <b>08</b> 1/2" (12.7 mm) <b>10</b> 5/8" (15.9 mm) <b>12</b> 3/4" (19 mm) <b>16</b> 1" (25.4 mm) <b>20</b> 1 1/4" (31.8 mm) <b>24</b> 1 1/2" (38.1 mm) <b>32</b> 2" (50.8 mm) <b>40</b> 2 1/2" (63.5 mm)	<b>02</b> <b>03</b> <b>04</b> <b>05</b> <b>06</b> <b>08</b> <b>10</b> <b>12</b> <b>14</b> <b>15</b>
<b>FG</b> Field-Grip™ (1-piece reattachable fitting)		SAE 100R5, DUT and Galaxy Hose:	<b>16</b> <b>18</b> <b>20</b> <b>22</b> <b>24</b> <b>26</b> <b>28</b> <b>30</b> <b>32</b> <b>33</b> <b>36</b> <b>40</b> <b>42</b> <b>45</b> <b>52</b>
<b>UT</b> DUT Hose (1-piece reattachable fitting)			
<b>UC</b> Uni-Crimp™ Stem (2-piece fitting)			
<b>DG</b> Dual-Grip Stem (2-piece internal and external skive fitting)			
<b>PB</b> Push-On Brass (1-piece fitting)			
<b>SF</b> Saflex® (1-piece fitting)			
<b>GG</b> Grease Gun (1-piece fitting)			

## Warning - Selection of Fitting

Selection of the proper fittings for the application is essential to the proper operation and safe use of the hose and related equipment. Inadequate attention to the selection of the hose fitting for the application can result in hose leakage, bursting or other failures, which can cause serious bodily injury or property damage from spraying fluids or flying projectiles. Some of the factors involved in the selection of the proper hose ends are:

› **Fluid Compatibility** › **Pressure** › **Temperature** › **Installation Design** › **Hose Size** › **Corrosion Requirements**

If there are any questions as to what fitting should be used, Continental recommends that you consult the Continental Hydraulics Application Group for assistance.

### Proper Assembly of Continental Hose and Fittings

Continental hose, fittings and crimping equipment work together to provide an efficient and reliable hose connection. Continental hose and fittings are part of an engineered system and are to be assembled in accordance with Continental specifications. Using non-Continental components may produce an assembly that does not meet rated performance. Continental DOES NOT WARRANT, EXPRESSLY OR BY IMPLICATION, HOSE ASSEMBLIES THAT DO NOT INCORPORATE Continental HOSE AND FITTINGS, OR ARE NOT CRIMPED IN ACCORDANCE WITH Continental's PROCESS SPECIFICATIONS.

Buyers may elect to attach additional or non-standard parts or equipment, or to use different manufacturing specifications, as necessary to meet the requirements of the buyer or customer's application. In such cases, the buyer has sole responsibility to qualify the hose for these applications as necessary to ensure performance capability.

For guidance in the assembly of Continental hose and couplings, please refer to the Continental Crimp Specifications Manual. Information in this catalog is believed to be accurate, but is not warranted, and is subject to change without prior notice.

For the most current available product information, check [www.continental-industry.com](http://www.continental-industry.com).

### Hydraulic Fittings Nomenclature

Thread	Thread Description	Gender	Swivel	Elbow	Thread	Thread Description	Gender	Swivel	Elbow
JC FX		Female	Swivel		OF FX		Female	Swivel	
JC FX45		Female	Swivel	45° Elbow	OF FX45		Female	Swivel	45° Elbow
JC FX90		Female	Swivel	90° Elbow	OF FX90		Female	Swivel	90° Elbow
JC FX90L	JIC 37° Flare (SAE J514)	Female	Swivel	90° Elbow (Long Drop-Tube)	OF FX90L	O-Ring Face Seal (SAE J1453 ORS/ORFS)	Female	Swivel	90° Elbow (Long Drop-Tube)
JC FX90S		Female	Swivel	90° Elbow (Short Drop-Tube)	OF FX90S		Female	Swivel	90° Elbow (Short Drop-Tube)
JC M		Male			OF M		Male		
SF FX		Female	Swivel		OB M		Male		
SF FX45		Female	Swivel	45° Elbow	OB MX	O-Ring Boss Straight Thread (SAE J514)	Male	Swivel	
SF FX90		Female	Swivel	90° Elbow	OB MX90B		Male	Swivel	90° Block Elbow
SF FX90L	SAE 45° J512 Flare	Female	Swivel	90° Elbow (Long Drop-Tube)	FL				
SF FX90S		Female	Swivel	90° Elbow (Short Drop-Tube)	FL 22				22.5° Elbow
SF M		Male			FL 30				30° Elbow
SI F		Female			FL 45				45° Elbow
SI M		Male			FL 60	Code 61 Flange (SAE J518)			60° Elbow
SI MX	SAE 45° Inverted Flare	Male	Swivel		FL 67				67° Elbow
SI MX45		Male	Swivel	45° Elbow	FL 90				90° Elbow
SI MX90		Male	Swivel	90° Elbow	FL 110				110° Elbow
NP F		Female			FL 135				135° Elbow
NP FX		Female	Swivel		FL 90EOC	Engine Oil Connection			90° Elbow
NP M		Male			FH				
NP M90	NPTF	Male		90° Elbow	FH 22				22.5° Elbow
NP MX		Male	Swivel		FH 30				30° Elbow
NP MX90B		Male	Swivel	90° Block Elbow	FH 45	Code 62 Flange (SAE J518)			45° Elbow
NP MAPI	NPTF Oil Field Connection	Male			FH 60				60° Elbow
HM	Hose Mender				FH 67				67° Elbow
NS FX	NPSM	Female	Swivel		FH 90				90° Elbow
FT M	SAE J514 Flareless Tube Fittings	Male			CF				
GT F	Grease Trap	Female			CF 22				22.5° Elbow
SP	Standpipe				CF 30				30° Elbow
SP 45				45° Elbow	CF 45	Caterpillar® Flange			45° Elbow
					CF 60				60° Elbow
					CF 67				67° Elbow
					CF 90				90° Elbow

Continued on the next page.



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**General Information**  
Hydraulic Fittings Nomenclature

**FITTINGS**





# SECTION 6 - FG FITTINGS

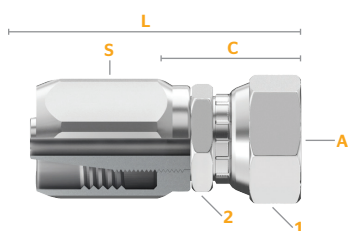
This section lists all fittings compatible with the following hose:

Hose	Description	Compatible Dash Size
SR5	SAE 100R5	All hose dash sizes
DR5	SAE 100R5 / SAE J1942	All hose dash sizes

## How to Use the Fittings Table








The fittings in this section will follow a similar table structure to the one seen on this page.

Fitting dimensions and attributes are explained below.



## Fitting Name

Fitting Description

Part Number	Product Number	SAP Number									
			Hose ID	Thread Size (A)	Hex 1 Wrench Size	Hex 2 Wrench Size	(S) Socket Wrench Size	Cut-Off (C)	Length (L)		
			in.		in.	in.	in.	in.	mm	in.	mm
FG-JCFX-0404	18400-0404	20245798	3/16	7/16-20	9/16	9/16	5/8	1.19	30.2	1.94	49.2
FG-JCFX-0505	18400-0505	20245799	1/4	1/2-20	5/8	5/8	11/16	1.30	32.9	2.08	52.8
FG-JCFX-0606	18400-0606	20245800	5/16	9/16-18	11/16	11/16	13/16	1.41	35.7	2.31	58.7

### Fitting Dimensions and Attributes

- Part Number** See Hydraulic Fittings Nomenclature on page 128 for a breakdown of part number attributes
- Hose ID** The compatible Hose ID
- Tube ID** The compatible Tube ID
- Thread Size** The thread size or sizes available for a particular fitting dash size (indicated by **A** in the fitting image)
- Hex Size** The wrench size for one or both nuts on the fitting (indicated by **1** or **2** in the fitting image)
- Drop** The length of the elbow (indicated by **D** in the fitting image)
- Cut-Off** The amount of hose to be cut for a correct assembly length (indicated by **C** in the fitting image)
- Length** The overall length of the fitting

Choose fittings carefully, considering the working pressure of both the hose and fitting. The maximum working pressure of the hose assembly is the lesser of the rated working pressure of the hose and the fitting. See page 333 for the Fittings Working Pressure Guide.



Download the **MyCrimp App** for more information.

**Section 6**  
FG Fittings

**FITTINGS**



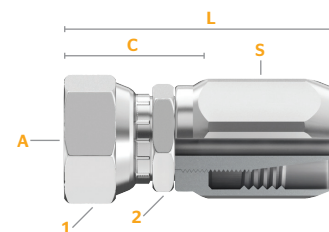
## FG Fittings Overview








A complete overview of all FG fittings found in this section.

<p><b>JIC 37° Flare (SAE J514)</b> Female Swivel</p>  <p>FG-JCFX P. 285</p>	<p><b>JIC 37° Flare (SAE J514)</b> Female 45° Elbow Swivel</p>  <p>FG-JCFX45 P. 285</p>	<p><b>JIC 37° Flare (SAE J514)</b> Female 90° Elbow Swivel</p>  <p>FG-JCFX90 P. 286</p>	<p><b>JIC 37° Flare (SAE J514)</b> Male</p>  <p>FG-JCM P. 286</p>
<p><b>SAE 45° J512 Flare</b> Female Swivel</p>  <p>FG-SFFX P. 287</p>	<p><b>SAE 45° J512 Flare</b> Male</p>  <p>FG-SFM P. 287</p>	<p><b>SAE 45° Inverted Flare</b> Male Swivel</p>  <p>FG-SIMX P. 288</p>	<p><b>NPTF</b> Male</p>  <p>FG-NPM P. 288</p>
<p><b>O-Ring Boss Straight Thread (SAE J514)</b> Male</p>  <p>FG-OBM P. 289</p>			

## JIC 37° Flare (SAE J514)

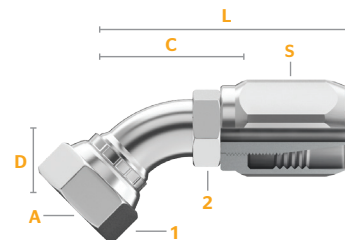
Female / Swivel











Part Number	Product Number	SAP Number									
			Hose ID	Thread Size (A)	Hex 1 Wrench Size	Hex 2 Wrench Size	(S) Socket Wrench Size	Cut-Off (C)	Length (L)		
			in.		in.	in.	in.	in.	mm	in.	mm
FG-JCFX-0404	18400-0404	20245798	3/16	7/16-20	9/16	9/16	5/8	1.19	30.2	1.94	49.2
FG-JCFX-0505	18400-0505	20245799	1/4	1/2-20	5/8	5/8	11/16	1.30	32.9	2.08	52.8
FG-JCFX-0606	18400-0606	20245800	5/16	9/16-18	11/16	11/16	13/16	1.41	35.7	2.31	58.7
FG-JCFX-0808	18400-0808	20245801	13/32	3/4-16	7/8	7/8	15/16	1.58	40.1	2.68	68.1
FG-JCFX-1010	18400-1010	20245792	1/2	7/8-14	1	1	1 1/8	1.67	42.5	3.06	77.8
FG-JCFX-1212	18400-1212	20245793	5/8	1 1/8-12	1 1/4	1 1/4	1 1/4	1.92	48.8	3.50	88.9
FG-JCFX-1616	18400-1616	20245794	7/8	1 1/8-12	1 1/2	1 1/2	1 1/8	1.92	48.8	3.19	81.0
FG-JCFX-2020	18400-2020	20245795	1 1/8	1 3/8-12	2	2	1 3/4	2.50	63.5	3.38	85.7
FG-JCFX-2424	18400-2424	20245796	1 3/8	1 7/8-12	2 1/4	2 1/4	2	2.23	56.8	3.66	92.9
FG-JCFX-3232	18400-3232	20245797	1 7/8	2 1/2-12	2 3/8	2 3/8	2 1/2	2.58	65.5	4.44	112.7

## JIC 37° Flare (SAE J514)

Female / 45° Elbow / Swivel



Part Number	Product Number	SAP Number											
			Hose ID	Thread Size (A)	Hex 1 Wrench Size	Hex 2 Wrench Size	(S) Socket Wrench Size	Drop (D)	Cut-Off (C)	Length (L)			
			in.		in.	in.	in.	in.	mm	in.	mm	in.	mm
FG-JCFX45-0404	18420-0404	20245820	3/16	7/16-20	9/16	9/16	5/8	0.33	8.3	1.11	28.2	1.84	46.8
FG-JCFX45-0505	18420-0505	20245821	1/4	1/2-20	9/16	5/8	11/16	0.36	9.1	1.28	32.5	1.06	27.0
FG-JCFX45-0606	18420-0606	20245822	5/16	9/16-18	9/16	11/16	13/16	0.39	9.9	1.33	33.7	2.23	56.8
FG-JCFX45-0808	18420-0808	20245823	13/32	3/4-16	11/16	7/8	15/16	0.55	13.9	1.84	46.8	2.98	75.8
FG-JCFX45-1010	18420-1010	20245817	1/2	7/8-14	7/8	1	1 1/8	0.62	15.9	1.95	49.6	3.23	82.2
FG-JCFX45-1212	18420-1212	20245818	5/8	1 1/8-12	1 1/8	1 1/4	1 1/4	0.77	19.5	2.22	56.4	3.78	96.0
FG-JCFX45-1616	18420-1616	20245819	7/8	1 1/8-12	1 3/8	1 1/2	1 1/8	0.89	22.6	2.23	56.8	3.56	90.5

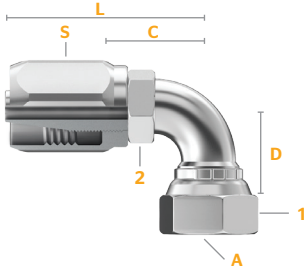


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**Section 6**  
FG Fittings

**FITTINGS**





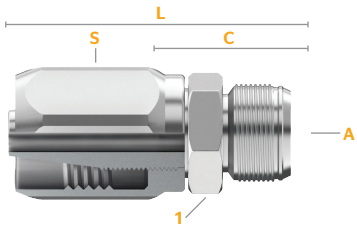
## JIC 37° Flare (SAE J514)

Female / 90° Elbow / Swivel



Part Number	Product Number	SAP Number	Hose ID	Thread Size (A)	Hex 1	Hex 2	(S) Socket	Elbow Type*	Drop (D)		Cut-Off (C)		Length (L)	
					Wrench Size	Wrench Size	Wrench Size		in.	mm	in.	mm	in.	mm
FG-JCFX90-0404	18425-0404	20245827	3/16	7/16-20	9/16	9/16	5/8		0.69	17.5	1.00	25.4	1.75	44.5
FG-JCFX90L-0404	18440-0404	20245834	3/16	7/16-20	9/16	9/16	5/8	LT	1.80	45.6	1.00	25.4	1.75	44.5
FG-JCFX90-0505	18425-0505	20245828	1/4	1/2-20	9/16	5/8	11/16		0.77	19.5	1.19	30.2	1.97	50.0
FG-JCFX90L-0505	18440-0505	20245835	1/4	1/2-20	9/16	5/8	11/16	LT	1.78	45.2	1.19	30.2	1.97	50.0
FG-JCFX90-0606	18425-0606	20245829	5/16	9/16-18	11/16	11/16	13/16		0.84	21.4	1.23	31.4	2.12	54.0
FG-JCFX90L-0606	18440-0606	20245836	5/16	9/16-18	11/16	11/16	13/16	LT	2.19	55.6	1.23	31.4	2.12	54.0
FG-JCFX90-0808	18425-0808	20245830	13/32	3/4-16	7/8	7/8	15/16		1.09	27.8	1.61	40.9	2.75	69.9
FG-JCFX90L-0808	18440-0808	20245837	13/32	3/4-16	7/8	7/8	15/16	LT	2.44	61.9	1.61	40.9	2.75	69.9
FG-JCFX90-1010	18425-1010	20245824	1/2	7/8-14	1 1/8	1	1 1/8		1.23	31.4	1.66	42.1	2.94	74.6
FG-JCFX90L-1010	18440-1010	20245831	1/2	7/8-14	1 1/8	1	1 1/8	LT	2.56	65.1	1.66	42.1	2.94	74.6
FG-JCFX90-1212	18425-1212	20245825	5/8	1 1/8-12	1 1/4	1 1/4	1 1/4		1.81	46.0	2.17	55.2	3.75	95.3
FG-JCFX90L-1212	18440-1212	20245832	5/8	1 1/8-12	1 1/4	1 1/4	1 1/4	LT	3.73	94.9	2.17	55.2	3.75	95.3
FG-JCFX90-1616	18425-1616	20245826	7/8	1 1/8-12	1 1/2	1 1/2	1 1/8		2.14	54.4	2.28	57.9	3.55	90.1
FG-JCFX90L-1616	18440-1616	20245833	7/8	1 1/8-12	1 1/2	1 1/2	1 1/8	LT	4.33	109.9	2.28	57.9	3.55	90.1

\*Elbow Type: LT=Long Tube



## JIC 37° Flare (SAE J514)

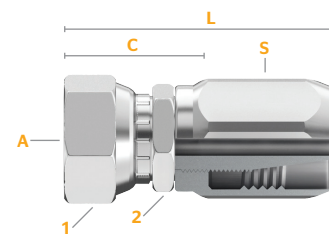
Male










Part Number	Product Number	SAP Number	Hose ID	Thread Size (A)	Hex 1	Socket (S)	Cut-Off (C)	Length (L)		
					Wrench Size	Wrench Size		in.	mm	
FG-JCM-0404	18450-0404	20245775	3/16	7/16-20	1/2	5/8	1.09	27.8	1.84	46.8
FG-JCM-0505	18450-0505	20245776	1/4	1/2-20	9/16	11/16	1.17	29.8	1.95	49.6
FG-JCM-0606	18450-0606	20245777	5/16	9/16-18	5/8	13/16	1.22	31.0	2.12	54.0
FG-JCM-0808	18450-0808	20245778	13/32	3/4-16	13/16	15/16	1.31	33.3	2.56	65.1
FG-JCM-1010	18450-1010	20245770	1/2	7/8-14	15/16	1 1/8	1.50	38.1	2.89	73.4
FG-JCM-1212	18450-1212	20245771	5/8	1 1/8-12	1 1/8	1 1/4	1.78	45.2	3.34	84.9
FG-JCM-1616	18450-1616	20245772	7/8	1 1/8-12	1 1/8	1 1/8	1.69	42.9	2.94	74.6
FG-JCM-2020	18450-2020	20245773	1 1/8	1 1/8-12	1 3/4	1 3/4	1.77	44.9	3.12	79.4
FG-JCM-2424	18450-2424	20245774	1 3/8	1 1/8-12	2	2	1.97	50.0	3.42	86.9

## SAE 45° J512 Flare

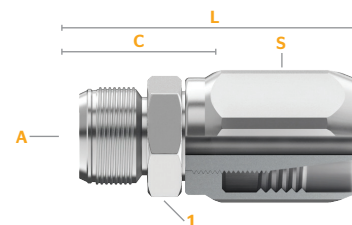
Female / Swivel









Part Number	Product Number	SAP Number									
			Hose ID	Thread Size (A)	Hex 1 Wrench Size	Hex 2 Wrench Size	(S) Socket Wrench Size	Cut-Off (C)	Length (L)		
			in.		in.	in.	in.	in.	mm	in.	mm
FG-SFFX-0404	18775-0404	20245814	3/16	7/16-20	9/16	9/16	5/8	1.19	30.2	1.94	49.2
FG-SFFX-0505	18775-0505	20245815	1/4	1/2-20	5/8	5/8	11/16	1.30	32.9	2.08	52.8
FG-SFFX-0606	18775-0606	20245816	5/16	5/8-18	3/4	3/4	13/16	1.44	36.5	2.34	59.5
FG-SFFX-0808	18775-0808	20291192	13/32	3/4-16	7/8	7/8	7/8	1.60	40.6	2.70	68.6
FG-SFFX-1010	18775-1010	20245812	1/2	7/8-14	1	1	1 1/2	1.67	42.5	3.06	77.8
FG-SFFX-1212	18775-1212	20245813	5/8	1 1/8-14	1 1/4	1 1/4	1 1/4	1.92	48.8	3.50	88.9

## SAE 45° J512 Flare

Male



Part Number	Product Number	SAP Number								
			Hose ID	Thread Size (A)	Hex 1 Wrench Size	(S) Socket Wrench Size	Cut-Off (C)	Length (L)		
			in.		mm	in.	in.	mm	in.	mm
FG-SFM-0404	18785-0404	20245626	3/16	7/16-20	1/2	5/8	1.03	26.2	1.80	45.6
FG-SFM-0505	18785-0505	20245627	1/4	1/2-20	9/16	11/16	1.19	30.2	1.97	50.0
FG-SFM-0606	18785-0606	20245628	5/16	5/8-18	11/16	13/16	1.28	32.5	2.19	55.6
FG-SFM-0808	18785-0808	20245629	13/32	3/4-16	13/16	15/16	1.41	35.7	2.66	67.5
FG-SFM-1212	18785-1212	20245625	5/8	1 1/8-14	1 1/2	1 1/4	1.81	46.0	3.50	88.9

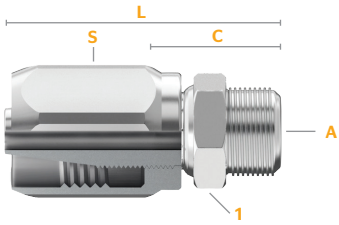


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**Section 6**  
FG Fittings







**FITTINGS**

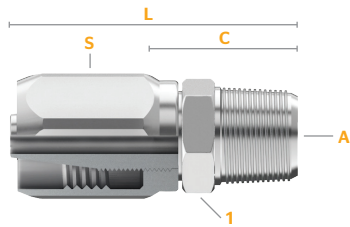




## SAE 45° Inverted Flare







Male / Swivel

Part Number	Product Number	SAP Number								
			Hose ID	Thread Size (A)	Hex 1 Wrench Size	(S) Socket Wrench Size	Cut-Off (C)		Length (L)	
			in.		mm	in.	in.	mm	in.	mm
FG-SIMX-0404	18800-0404	20245779	3/16	7/16-24	3/8	5/8	1.72	43.7	2.47	62.7
FG-SIMX-0505	18800-0505	20245780	1/4	1/2-20	7/16	11/16	1.84	46.8	2.62	66.7
FG-SIMX-0606	18800-0606	20245781	5/16	5/8-18	1/2	13/16	1.81	46.0	2.72	69.1
FG-SIMX-0808	18800-0808	20245782	13/32	3/4-18	5/8	15/16	1.98	50.4	3.12	79.4



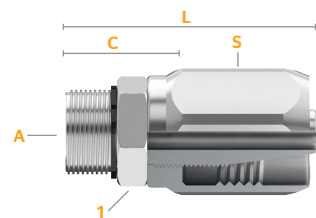
## NPTF







Male

Part Number	Product Number	SAP Number								
			Hose ID	Thread Size (A)	Hex 1 Wrench Size	(S) Socket Wrench Size	Cut-Off (C)		Length (L)	
			in.		mm	in.	in.	mm	in.	mm
FG-NPM-0402	18615-0402	20245804	3/16	1/8-27	9/16	5/8	0.92	23.4	1.67	42.5
FG-NPM-0404	18615-0404	20245805	3/16	1/4-18	9/16	5/8	1.11	28.2	1.86	47.2
FG-NPM-0504	18615-0504	20245806	1/4	1/4-18	9/16	11/16	1.19	30.2	1.97	50.0
FG-NPM-0604	18615-0604	20245807	5/16	1/4-18	9/16	13/16	1.23	31.4	2.17	55.2
FG-NPM-0606	18615-0606	20245808	5/16	3/8-18	11/16	13/16	1.27	32.2	2.20	56.0
FG-NPM-0806	18615-0806	20245809	13/32	3/8-18	11/16	15/16	1.33	33.7	2.48	63.1
FG-NPM-0808	18615-0808	20245811	13/32	1/2-14	7/8	15/16	1.56	39.7	2.72	69.1
FG-NPM-1008	18615-1008	20245810	1/2	1/2-14	7/8	1 1/8	1.59	40.5	2.86	72.6
FG-NPM-1012	18615-1012	20245802	1/2	3/4-14	1 1/8	1 1/8	1.66	42.1	2.91	73.8
FG-NPM-1212	18615-1212	20245803	5/8	3/4-14	1 1/8	1 1/4	1.67	42.5	3.20	81.4
FG-NPM-1612	18615-1612	20245842	7/8	3/4-14	1 3/8	1 7/8	1.53	38.9	2.80	71.0
FG-NPM-1616	18615-1616	20245841	7/8	1-11 1/2	1 3/8	1 7/8	1.72	43.7	2.98	75.8
FG-NPM-2020	18615-2020	20245838	1 1/8	1 1/4-11 1/2	1 3/4	1 3/4	1.83	46.4	3.19	81.0
FG-NPM-2424	18615-2424	20245840	1 3/8	1 1/2-11 1/2	2	2	1.92	48.8	3.36	85.3
FG-NPM-3232	18615-3232	20245839	1 7/8	2-11 1/2	2 1/2	2 1/2	2.06	52.4	3.91	99.2

# O-Ring Boss Straight Thread (SAE J514)

Male



Part Number	Product Number	SAP Number								
			Hose ID	Thread Size (A)	Hex 1 Wrench Size	(S) Socket Wrench Size	Cut-Off (C)	Length (L)		
			in.		mm	in.	in.	mm	in.	mm
FG-OBM-0404	18670-0404	20245788	3/16	7/16-20	9/16	5/8	0.89	22.6	1.64	41.7
FG-OBM-0505	18670-0505	20245789	1/4	1/2-20	5/8	11/16	0.97	24.6	1.75	44.5
FG-OBM-0606	18670-0606	20245790	5/16	9/16-18	11/16	13/16	1.03	26.2	1.94	49.2
FG-OBM-0808	18670-0808	20245791	13/32	3/4-16	7/8	15/16	1.09	27.8	2.34	59.5
FG-OBM-1010	18670-1010	20245783	1/2	7/8-14	1	1 1/8	1.23	31.4	2.62	66.7
FG-OBM-1212	18670-1212	20245784	5/8	1 1/8-12	1 1/4	1 1/4	1.53	38.9	3.09	78.6
FG-OBM-1616	18670-1616	20245785	7/8	1 5/8-12	1 1/2	1 5/8	1.39	35.3	2.66	67.5
FG-OBM-2020	18670-2020	20245786	1 1/8	1 3/4-12	1 3/4	1 3/4	1.39	35.3	2.75	69.9
FG-OBM-2424	18670-2424	20245787	1 3/8	1 7/8-12	2 1/8	2	1.39	35.3	2.84	72.2



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**Section 6**  
FG Fittings

**FITTINGS**

