COMPLETE HYDRAULIC SOLUTIONS

September 2018

PRODUCT GUIDE



FLUID CONNECTORS



Gates

Child

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Important Warnings and Cautions

WARNINGS:

Do not mix and match products.
The mixing of product brands in hose assemblies is not recommended.

Hydraulic hose from one supplier has seldom been verified by testing with fittings from another. Performance capabilities of such mixed assemblies will therefore be unpredictable and are not guaranteed by either supplier.

Hose coupling specifications and published assembly instructions are not necessarily valid in these instances. It is the hose assembler's responsibility to consult with suppliers before intermixing hose and end fittings.

Similarly, assembly equipment is not usually interchangeable and it is the fabricator's responsibility to consult with the manufacturer for the correct equipment.

Always follow the manufacturer's instructions for correct preparation and fabrication of CHILD-GATES hose assemblies.

The welding of any CHILD fitting, including weld-on, salvage, lifesaver or any other components should only be carried out by suitably qualified personnel.

The company does not warrant the performance of such fittings or products, once welded (except by the company, its servants or its selling agents). These welded products should be tested and proved fit for the use intended. Not testing, not proving, faulty fabrication or faulty welding may result in an unsatisfactory or even dangerous product.

BE AWARE THAT:

Hydraulic fluid under pressure can be potentially dangerous!
An explosive burst or stream of escaping fluid can cause damage to equipment or serious injury to persons nearby.

Highly pressurised fluid escaping from a small pinhole can be almost invisible, and yet exert extreme force capable of penetrating the skin and other tissues, causing possible severe injury.

Pressurised fluids, if released uncontrolled, can exert a tremendous explosive force.
Hot fluids or chemicals can cause severe burns.
Some fluids are highly flammable.

CAUTIONS:

Working Pressures for Hose Assemblies
Since many factors influence the pressure at which a hydraulic system will or will not perform satisfactorily, stated maximum hose working pressures should not be exceeded.

For any severe applications it is recommended sufficient testing be conducted and reviewed by both the hose assembler and the machine manufacturer to assure performance levels will be safe and satisfactory.

While all care has been taken to ensure that information contained in this catalogue is true and correct at the time of publication, Southcott Hydraulics gives no warranty or assurance, and makes no representation as to the accuracy of any information or advice contained in this catalogue, or that it is suitable for your intended application.

Fluid Connectors Product Guide

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Nomographic Chart (Flow)

Flow Capacity of Hose Assemblies at Recommended Flow Velocities

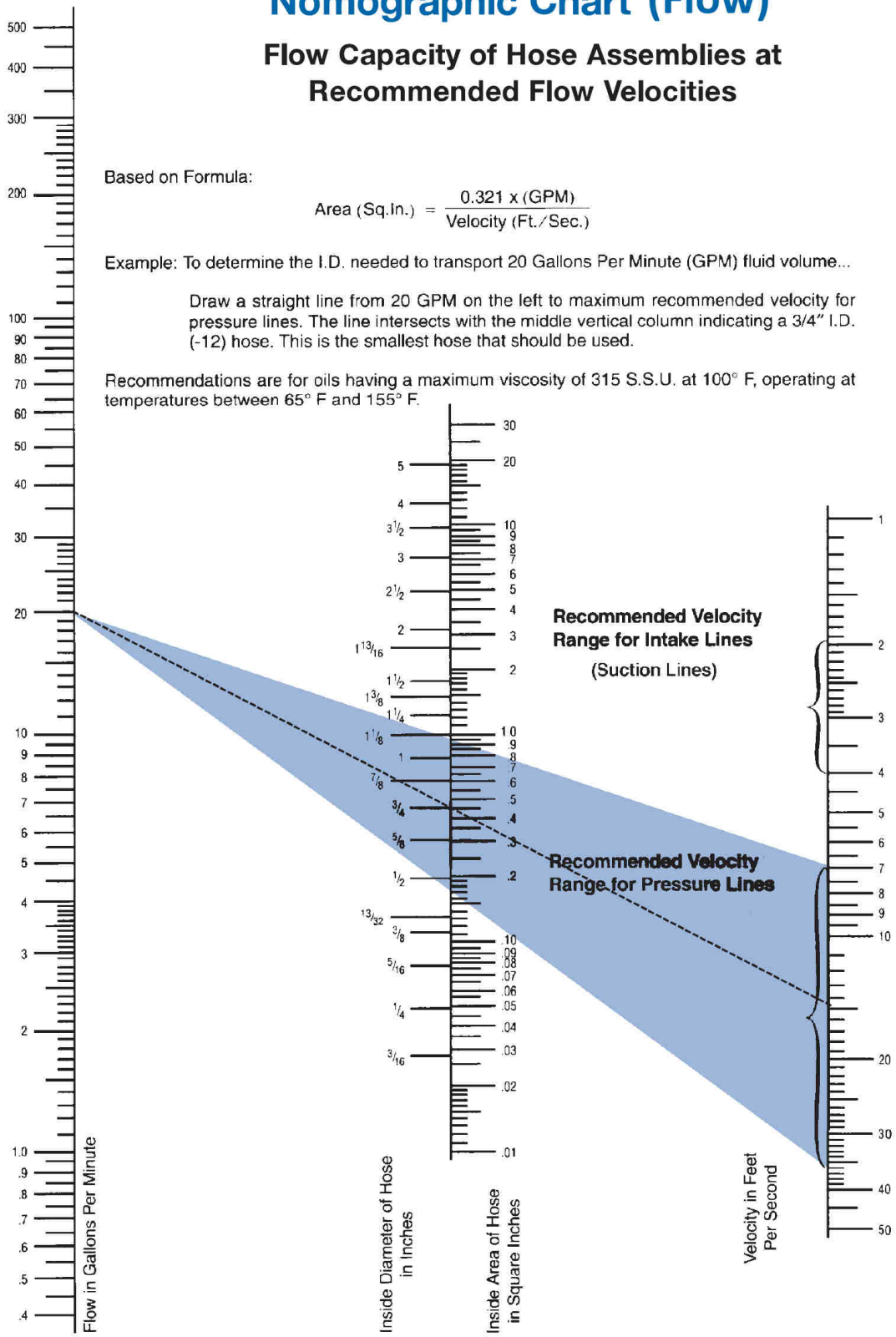
Based on Formula:

$$\text{Area (Sq.In.)} = \frac{0.321 \times (\text{GPM})}{\text{Velocity (Ft./Sec.)}}$$

Example: To determine the I.D. needed to transport 20 Gallons Per Minute (GPM) fluid volume...

Draw a straight line from 20 GPM on the left to maximum recommended velocity for pressure lines. The line intersects with the middle vertical column indicating a 3/4" I.D. (-12) hose. This is the smallest hose that should be used.

Recommendations are for oils having a maximum viscosity of 315 S.S.U. at 100° F, operating at temperatures between 65° F and 155° F.



OIL FLOW CAPACITY OF HOSE AND TUBING

Inside Diameter	Suction Lines (-0.25 to 0 BAR)		High Efficiency Lines (0 to 35 BAR)		Continuous Run Lines (36 to 207 BAR)		Intermittent Run Lines (208 BAR & Above)	
	1.2M/SEC	4FT/SEC	3M/SEC	10FT/SEC	4.5M/SEC	15FT/SEC	6.1M/SEC	20FT/SEC
	LTR/MIN	US GPM	LTR/MIN	US GPM	LTR/MIN	US GPM	LTR/MIN	US GPM
1/4”	2.3	0.6	5.7	1.5	9	2.3	11	3
5/16”	3.8	1	9	2.4	14	3.6	18	4.8
3/8”	5.3	1.4	13	3.4	19	5	27	7
1/2”	9.5	2.5	23	6	34	9	45	12
5/8”	15	3.8	38	10	53	14	72	19
3/4”	21	5.5	53	14	79	21	106	28
7/8”	28	7.5	72	19	107	28	142	37
1”	38	10	85	25	140	37	185	49
1 1/4”	57	15	144	38	216	57	231	61
1 1/2”	83	22	209	55	314	83	416	110
1 3/4”	114	30	285	75	426	112	570	150
2”	148	39	371	97	556	147	742	196
2 1/2”	231	61	579	153	870	230	1158	306
3”	333	88	832	220	1249	330	1669	441

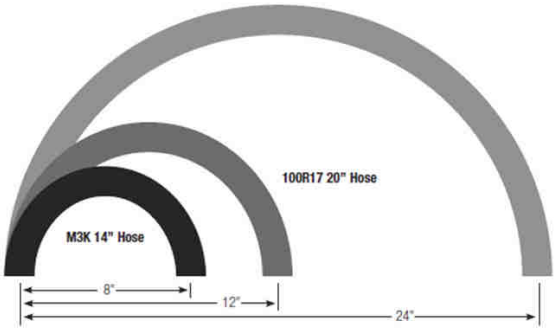
MegaSys® Constant Pressure Hoses

Isobaric Hoses

The MegaSys® line consists of constant pressure spiral-wire and wire-braid hoses that can be bent up to one-third SAE specifications.

- Simplifies hose selection with constant pressure ratings
- Bends up to 1/3rd SAE bend radius specifications
- Saves overall hose assembly length
- Facilitates easier routing in tight applications
- Requires fewer bent tube fittings
- Eases installation with higher flexibility
- Lowers inventory requirements
- Extends life in bending/flexing applications
- Available with abrasion-resistant XtraTuff™ or MegaTuff® cover
- Reduces costs by as much as 64%

MegaSys Hoses Bend – And Bend Some More



Up to One-Third SAE Bend Radius Specification

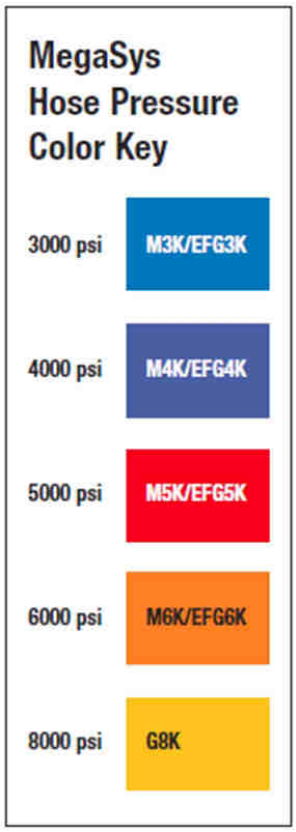
Illustration of 16M3K hose flexibility and reduced hose length requirements

MegaSys® Wire-Braid (Constant pressure Hoses)
M3K, M4K, M5K and M6K Hoses

- Each hose features a constant working pressure
- Two braids of high-tensile steel wire (one braid in M3K -3, -4, -5, -6 and -8)
- Nitrile tube for use with biodegradable hydraulic fluids
- Tested to industry-leading 600,000 cycles
- Temperature range -40°F to +212°F (-40°C to +100°C)
- Available with abrasion-resistant XtraTuff™ or MegaTuff® covers
- "H" versions -40°F to +250°F (-40°C to +121°C)
- "L" versions -70°F to +212°F (-56°C to +100°C)

MegaSys® Spiral-Wire (Constant pressure Hoses)
M3K, M4K, M5K and M6K Hoses

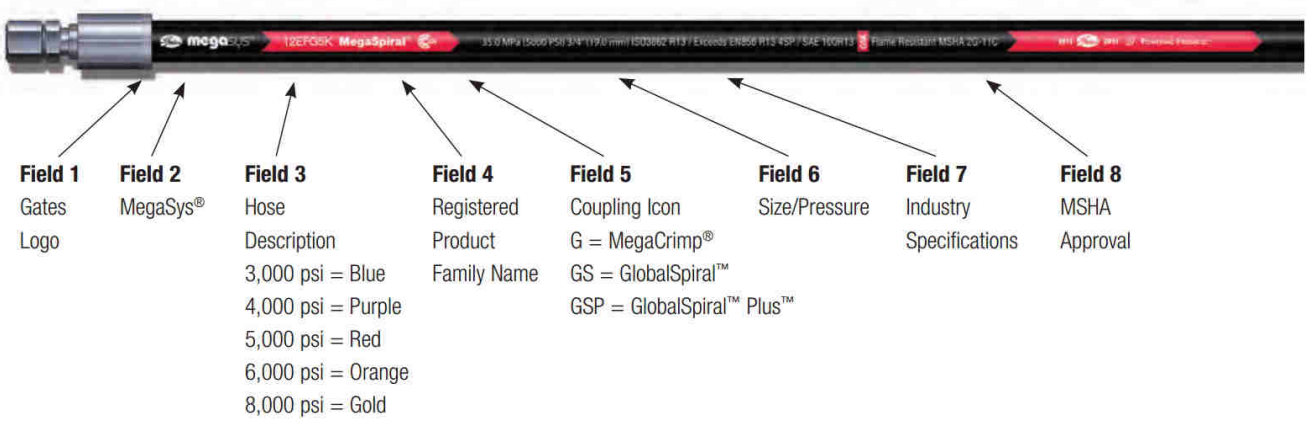
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- Nitrile tube for use with biodegradable hydraulic fluids
- Tested to industry-leading 600,000 cycles
- Temperature range -40°F to +212°F (-40°C to +100°C)
- Available with abrasion-resistant XtraTuff™ or MegaTuff® covers
- "H" versions -40°F to +250°F (-40°C to +121°C)
- "L" versions -70°F to +212°F (-56°C to +100°C)



MegaSys® Constant Pressure Hoses

Isobaric Hoses

These laylines are used exclusively on MegaSys® hoses. Distinctive design and pressure colour coding make MegaSys® hoses easy to identify in stock or in service.



MegaTuff® and XtraTuff™ Covers

Nothing is harder on hydraulic hose covers than constant abrasion. Rubbed against metal or other hose, most standard hydraulic hoses - even ones with spring guards or nylon sleeving - can't take the punishment.

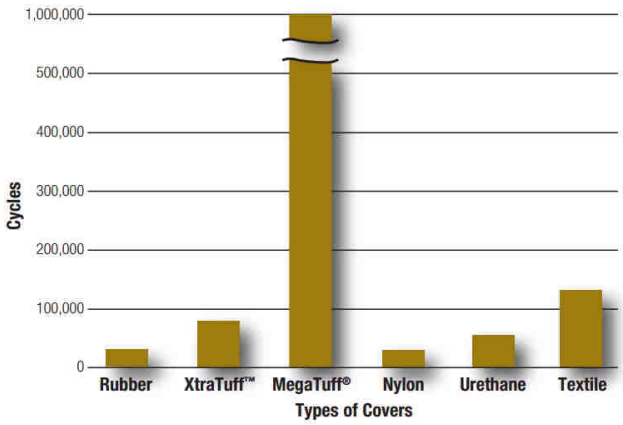
MegaTuff® covers: 300x more protection than standard hose covering

Gates MegaTuff® hoses are exceptionally resistant to abrasion thanks to a special cover construction and compounding that uses high-performance engineered plastics in an innovative manufacturing process. Also, the specially bonded cover stays put. It won't peel as do some competitive hose covers.

MegaTuff® hoses maintain their flexibility and minimum bend radius. They are resistant to oil, ozone and UV rays and have been tested to 1,000,000 impulse cycles without failure. These tough hoses are ideally suited to harsh underground mining conditions.

Abrasion Testing

ISO6945 — Metal-to-hose rubbing cycles to lose one gram of weight



XtraTuff™ covers: 25x more protection than standard hose covering

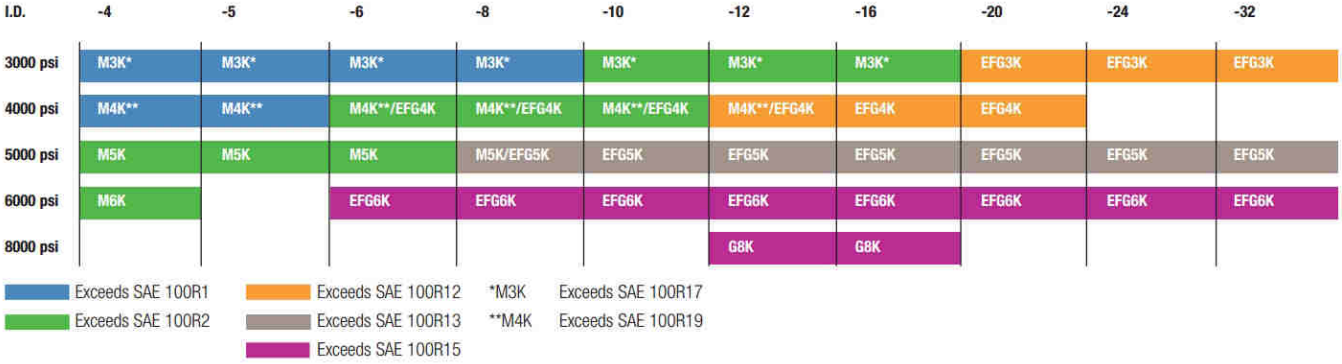
Made of special hybrid compunds, Gates XtraTuff™ covers offer 25x the abrasion resistance of standard cover hydraulic hose, increasing service life, lowering maintenance and eliminating the need for costly hose protectors like spring guards and nylon sleeves. XtraTuff™ hose is versatile, flexible and easy to manage. With pressure ratings up to 5,000psi (35MPa) these hoses will outperform anything the competition has to offer.

MegaSys® Size/Pressure Matrix

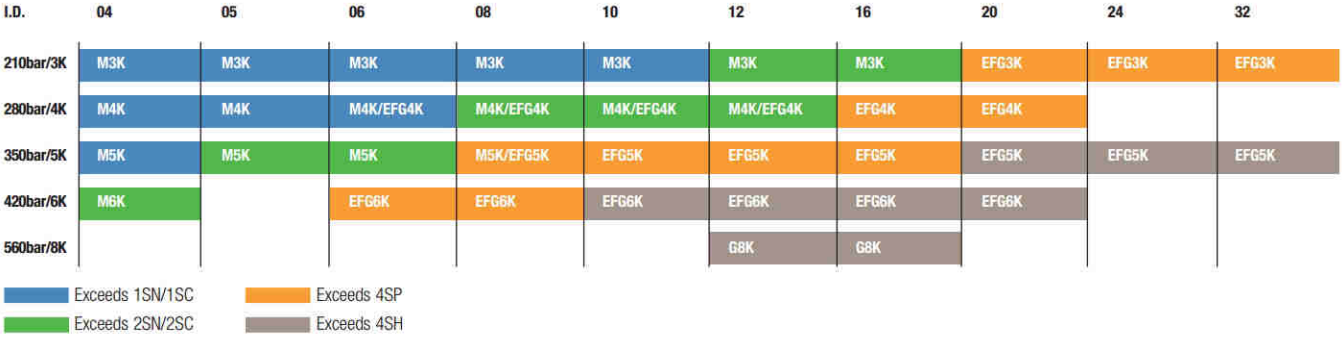
Isobaric Hoses

Gates revolutionised hose selection with the introduction of MegaSys hoses. Use the charts below for easy hose selection. Just find the required pressure and the chart will show you which hose meets that pressure in the applicable size.

SAE Specifications (Chart colors do not correspond to MegaSys hose color key system)



European Norm (EN) Specifications (Chart colors do not correspond to MegaSys hose color key system)



ISO18752 is the international standard specifying requirements for nine classes, four grades and seven types of wire - or textile reinforced hydraulic hoses and hose assemblies of nominal sizes. Each class has a single maximum working pressure for all sizes.
The MegaSys product exceeds the SAE and EN specifications and are aligned and exceed the performance matrix requirements of ISO18752.

PSI	18752 ISO A	18752 ISO B	18752 ISO C	18752 ISO D
3000 PSI	M3K	M3K	M3KH	EFG3K
4000 PSI	M4K	M4K	M4KH	EFG4K
5000 PSI	M5K	M5K	EFG5K	EFG5K
6000 PSI	M6K	M6K	EFG6K	EFG6K*

*12 only, other sizes under qualification

NB: Data provided may have changed. Always refer to the product manufacturer's technical catalogue for current information.

Characteristics Of Hose Stock Types

The characteristics shown below are for the normal or usual range of these specific stock lines. Stock can be changed somewhat through different compounding to meet the requirements of specialised applications.
Tube and cover stock may occasionally be upgraded to take advantage of improved materials and technology. For detailed information on a specific hose tube or cover stock check the Chemical Resistance Table in the Gates Hydraulic Hose Catalogue and also the specific hose page.

	Polychloroprene Type A	Nitrile Type C	Nylon Type Z	CSM Type M	EPDM Type P	CPE Type J	PTFE Type T
Flame Resistance	Very Good	Poor	Good	Good	Poor	Good	Good
Petroleum Base Oils	Good	Excellent	Good to Excellent	Good	Poor	Very Good	Excellent
Diesel Fuel	Fair to Good	Good to Excellent	Good to Excellent	Good	Poor	Good	Excellent
Resistance to Gas Permeation	Good	Good	Good To Excellent	Good to Excellent	Fair to Good	Good	Good to Excellent
Weather	Good to Excellent	Poor	Excellent	Very Good	Excellent	Good	Excellent
Ozone	Good to Excellent	Poor for Tube; Good For Cover	Excellent	Very Good	Outstanding	Good	Excellent
Heat	Good	Good	Good	Very Good	Excellent	Excellent	Excellent
Low Temperature	Fair to Good	Poor to Fair	Excellent	Poor	Good to Excellent	Good	Excellent
Water-Oil Emulsions	Excellent	Excellent	Good to Excellent	Good	Poor	Excellent	Excellent
Water/Glycol Emulsions	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Diesters	Poor	Poor	Excellent	Fair	Excellent	Very Good	Excellent
Phosphate Esters	Fair (For Cover)	Poor	Excellent	Fair	Very Good	Very Good	Excellent
Phosphate Ester Base Emulsions	Fair (For Cover)	Poor	Excellent	Fair	Very Good	Very Good	Excellent

MegaSys® Size/Pressure Matrix

Caution: Water, water/oil emulsions and water/glycol solutions must be kept below the temperatures listed in the table opposite, relative to line pressures.

The fluid manufacturer's recommended maximum operating temperature for any given fluid must not be exceeded. If different to the above listed hose temperatures, the lower limit must take precedence. See the Gates Hydraulic Hose Catalogue for further information.

DO NOT expose hose to maximum temperature and maximum working pressure at the same time.

MAXIMUM TEMPERATURE LIMITS FOR WATER, WATER/OIL EMULSIONS AND WATER/GLYCOL SOLUTIONS

Hose	Pressure Lines	Return Lines
G8K, EFG6K, EFG5K, EFG4K, EFG3K, G2, G2L, M2T®, M6K, M5K, M4K, M3K, RFS, RLA, C5C, C5E, LOC, LOL	+200°F (+93°C)	+180°F (+82°C)
G2H, G1H, MegaTech® Line, G2XH, C5D, G3H, GTH, G4H, GMV, RLC, TR500, M3KH, M4KH	+225°F (+107°C)	+180°F (+82°C)

Gates Hose - Agency Specifications

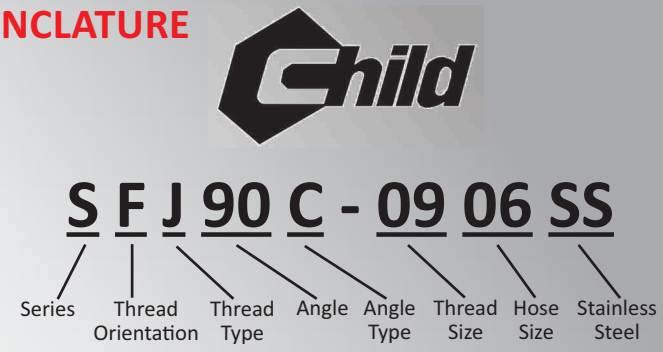
Gates Hose Type	Agency Specifications													Industry Specifications (PSI Performance)		
	ABS	AS 2260	BV	DNV	DIN	GL	IJS	LR	RCCC	DOT / FMVSS	MSHA 2G	USCG J1942		SAE	ISO	EN
												Fuel Oil	Power			
EFCPS											X			Gates Proprietary Design		
EFLW											X			Gates Proprietary Design		
LW											X			Gates Proprietary Design		
CPB											X			Gates Proprietary Design		
100MP/Mine Spray											X			Gates Proprietary Design		
Scorpion														Gates Proprietary Design		
Rock Dust											X			Gates Proprietary Design		
18MB														Gates Proprietary Design		
500MP											X			Gates Proprietary Design		
G8K											X			Gates Proprietary Design		
EFG6K	X	X	X	X	X	X		X			X		X	100R15	3862 R15	EN 856 4SP/4SH
EFG5K	X	X	X	X	X	X		X			X		X	100R13	3862 R13	EN 856 4SP/4SH
EFG4K	X	X	X	X	X	X		X			X		X	100R12	3862 R12	EN 856 4SP++
EFG3K	X	X	X	X	X	X		X			X		X	100R12	3863 R12	EN 856 4SP
M-XP											X		X	Gates Proprietary Design		
M2T®	X				X						X		X	100R16	11237 2SC R16	857 2SC
CM2TDL			X	X	X	X					X			100R16	1436 2SC R16	857 2SC
M6K			X	X		X		X			X			Gates Proprietary Design		
M5K		X	X	X		X		X			X			Gates Proprietary Design		
M4K	X	X	X	X	X	X		X			X		X	100R19	11237 R19	–
M4KH					X						X		X	100R19	11237 R19	–
M3K	X	X	X	X	X	X		X			X	X	X	100R17	11237 R17	–
M3KH					X						X		X	100R17	11237 R17	–
G2	X	x	X	X	X	X		x			X		X	100R2 S	1436 2SN R2	853 2SN
G2H		X		X	X						X	X	X	100R2 S	1436 2SN R2	853 2SN
G2XH					X						X		X	100R2 S	1436 2SN R2	853 2SN
G2L					X						X			100R2 S	1436 2SN R2	853 2SN
J2AT							X				X			Gates Proprietary Design		
G1	X	X	X	X	X	X		X			X		X	100R1 S	1436 1SN R1	853 1SN
G1H				X	X						X	X*	X	100R1 S	1436 1SN R1	853 1SN
RFS											X			Gates Proprietary Design		
G3H											X			100R3	–	854 R3
GTH											X			100R6	–	854 R6
GTHX											X			100R6	–	854 R6
G4H	X				X						X			100R4	–	–
GMV	X	X			X						X		X	100R4	–	–
RLA											X			30R2	–	–
RLC														Gates Proprietary Design		
LOC														30R7	–	–
LOL											X			Gates Proprietary Design		

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

CHILD COUPLING END STYLE NOMENCLATURE

Child couplings feature description by combining end-style codes shown below that make thread end identification fast and easy. Always refer to Child Crimp Data Charts when selecting hose and coupling combinations.

In the following example, the Child description **SFJ90C-0906SS** identifies a **S**upercrimp **F**emale **JIC** swivel **90° C**lose drop **S**tainless **S**teel coupling for **-09** (9/16") thread and **-06** (3/8") hose size (Child couplings indicate thread size first).



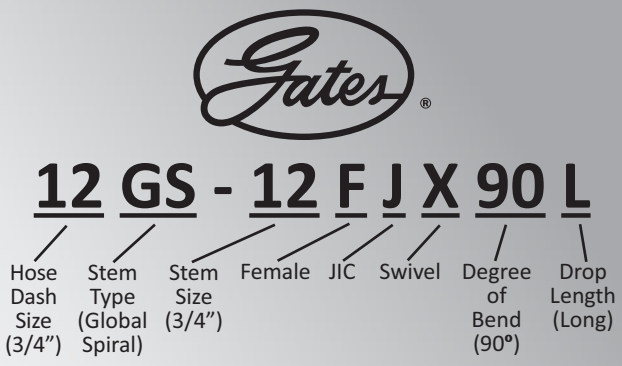
Code	Description
Series	
E	Ezicrimp – 1 Piece
S	Supercrimp – 2 Piece
C5	Field-Fit – Suit R5 Hose
C5E	Field-Fit – Suit R5E Hose
R	Field-Fit – Suit G1,G2, R3 Hose
L	Lock-On – Suit Pushlock Hose
Thread Orientation	
F	Female
M	Male
Thread Type	
B	BSP Tapered
DKL	DIN Light Series
DKS	DIN Heavy Series
DKO	DIN Heavy Series & O-Ring
FL	Flange Code 61
FLH	Flange Code 62
FLK	Flange Komatsu
FO	Flat Face O-Ring (ORFS)
G	Grease Fitting
GAZ	French GAZ
HJ	Hose Joiner
IX	Inverted Flare
J	JIC
K	JIS-Metric (Japanese)
LS	Life Saver
N	NPT
NF	NPT – Female Fixed

Code	Description
Thread Type (Continued)	
NL	NPT – Long Series
NP	JIS-BSPP (Japanese)
OX	SAE O-Ring Boss Swivel
P	BSP Parallel
R	Encapsulated O-Ring (BSPP)
S	SAE
SS	Staple Series
Angle	
(None)	Straight
22	22.5° Bend
30	30° Bend
45	45° Bend
60	60° Bend
67	67.5° Bend
90	90° Bend
110	110° Bend
135	135° Bend
Angle Type	
(None)	Standard Drop
C	Close Drop
S	Short Drop
M	Medium Drop
L	Long Drop
Material or Special Request	
(None)	Steel
SS	Stainless Steel
Z	Special Request

GATES COUPLING AND ADAPTOR END STYLE NOMENCLATURE

Gates couplings feature a meaningful description by combining end-style codes shown below that make thread end identification fast and easy. Always refer to Gates Crimp Data Manual when selecting hose and coupling combinations.

In the following example, the Gates description **12GS-12FJX90L** identifies a **G**lobal**S**piral™ **F**emale **JIC** Swivel(**X**) **90°** Bend **L**ong Drop coupling for **-12** (3/4") hose size and **-12** (3/4") stem size.



Code	Description
A	Adaptorless
AB	Air Brake
API	API Unions
B	Brass
BBDS	British Bonded Seal
BJ	Banjo
BKHD	Bulkhead
BL	Block
BS	Bite Sleeve
BSPP	British Standard Pipe Parallel
BSPT	British Standard Pipe Tapered
C	Caterpillar Flange
CC	Clamping Collar
DH	DIN Heavy
DL	DIN Light
F	Female
FABX	Female Air Brake Swivel
FBFFOR	Female British Flat-Face O-Ring
FBO	Female Braze-on Stem
FF	Flat-Face
FFGX	Female French GAZ Swivel (Female Kobelco)
FFN	Female Flareless Nut
FOR	Flat-Face O-Ring
FFS	Female Flareless Sleeve
FG	Female Grease Thread
FKX	Female Komatsu Style Swivel
FL	Code 61 O-Ring Flange
FLC	Caterpillar Style O-Ring Flange
FLH	Code 62 O-Ring Flange Heavy
FLOS	Flange O-Ring Special
FT	Female SAE Tube
HLE	Hose Length Extender
HLEC	Hose Length Extender (Caterpillar)
HM	Hose Mender
HU	Hammer Union
I	Inverted Flare
J	JIC (37° Flare)
JIS	Japanese Industrial Standard
K	Komatsu Style (Japanese 30° Seat)

Code	Description
LH	Long Hex
LN	Lock Nut
M	Male
MB	Male Boss
MBAX	Male Boss Adaptorless Swivel
MBDS	Metric Bonded Seal
MFA	Male Flareless Assembly (Ermeto)
MFG	Male French GAZ
MKB	Metric Kobelco
MM	Metric Male
MN	Metric Nut
MPG	Male Special Grease Fitting
MPLN	Male Pipe Long Nose
MLSP	Metric Light Stand Pipe
MSP	Metric Stand Pipe
NASP	North American Stand Pipe
OR	O-Ring
P	Pipe Thread (NPTF or NPSM)
PL	Press Lok®
PT	Port
PWX	Pressure Washer Swivel
QLD	Quick-Lok® Direct
QHD	Quick-Lok® High
R	Field Attachable
S	SAE (45° Flare)
SP	Special
SS	Stainless Steel
TS	Tube Sleeve
TSN	Tube Sleeve Nut
X	Swivel
Z	Parker Triple Thread
22	22.5° Bent Tube Angle
30	30° Bent Tube Angle
45	45° Bent Tube Angle
60	60° Bent Tube Angle
67	67.5° Bent Tube Angle
90	90° Bent Tube Angle
110	110° Bent Tube Angle
135	135° Bent Tube Angle

Section 1
Hydraulic Hose

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Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

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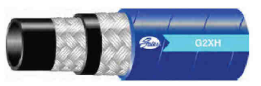
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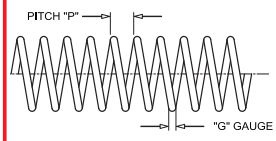
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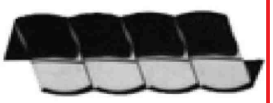
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Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

G8K Spiral Wire Hose. Ultra High Pressure

Meets Flame Resistance Acceptance Designation MSHA 2G

8,000psi
551 Bar

Recommended For: Ultra high pressure, high impulse applications such as hydrostatic transmissions for use in the construction, agriculture, forestry, underground or open pit mining, or other industries on applications where extremely high pressure capability is required. G8K hose and couplings offer industry-leading bend radius capability which leads to ease of routing and installation, longer hose life in flexing applications and fewer bend tube fitting requirements.



Tube: Black, oil resistant, Polychloroprene - Type A tube material allows for the high pressure, high temperature performance required in these demanding applications. See *Characteristics Of Hose Stock Types*.
Reinforcement: Six alternating layers of high-tensile steel wire spiral construction.
Cover: Black, oil resistant, synthetic rubber (Polychloroprene - Type A).
Colour-coded layline.
See *Characteristics Of Hose Stock Types*.
Temperature Range: -40°F to +250°F (-40°C to +121°C).
For water emulsions see *Additional Temperature Limits For Gates Hydraulic Hose.*

Refer www.southcott.com.au for current crimp specifications

Hose Specifications

Part Number												Length (m)	
Standard	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Carton	Bulk
12G8K	12	3/4	19	1.36	34.5	8,000	551	32,000	2,206	9.5	241	30	-
16G8K	16	1	25	1.66	42.2	8,000	551	32,000	2,206	12.0	304	30	-

Additional Product

Hose Type	Couplings and Ferrules		Associated Protective Product						
Standard	Gates 2 Piece Series		Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps	Life Guard	Life Guard Collar
	Coupling	Ferrule							
12G8K	12G8K	12G8K1F	HSG-11	SGX40	HTG-28	TEXS47	SB41	-	-
16G8K	16G8K	16G8K1F	HSG-13	SGX50	HTG-32	TEXS55	SB48	-	-

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

EFG6K Spiral Wire Hose - SAE 100R15

6,000psi
420 Bar

Meets Flame Resistance Acceptance Designation MSHA 2G



Recommended For: Extremely high pressure, high impulse applications such as hydrostatic transmissions.
Standards: EFG6K is designed to meet all requirements of SAE 100R15 specifications and performance requirements of EN 856 4SP (-6, -8, -10 and -12), EN 856 4SH (-12, -16, -20 and -24) and ISO 3862 Type R15 (-6, -8, -10, -12, -16, -24). Compatible with biodegradable hydraulic fluids like polyolester, polyglycol and vegetable oil as well as standard petroleum-based fluids.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C).
See *Characteristics Of Hose Stock Types*.
Reinforcement: Four (six for -20, -24 & -32) alternating layers of spiraled, high-tensile steel wire.
Cover: Black, oil resistant, synthetic rubber (Polychloroprene - Type A).
Colour-coded layline. Also available with unique abrasion-resistant MegaTuff® cover.
See *Characteristics Of Hose Stock Types*.
Temperature Range: -40°F to +250°F (-40°C to +121°C).
For water emulsions see *Additional Temperature Limits For Gates Hydraulic Hose.*

Refer www.southcott.com.au for current crimp specifications

Hose Specifications

Part Number													Length (m)	
Standard	MegaTuff	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Carton	Bulk
6EFG6K	-MTF	6	3/8	10	0.80	20.3	6,000	420	24,000	1,680	2.5	64	30	-
8EFG6K	-MTF	8	1/2	12	0.95	24.1	6,000	420	24,000	1,680	3.5	89	30	-
10EFG6K	-MTF	10	5/8	16	1.09	27.7	6,000	420	24,000	1,680	4.0	102	30	61
12EFG6K	-MTF	12	3/4	19	1.24	31.5	6,000	420	24,000	1,680	4.7	119	30	61
16EFG6K	-MTF	16	1	25	1.53	38.9	6,000	420	24,000	1,680	6.0	152	30	61
20EFG6K	-MTF	20	1-1/4	31	1.97	50.0	6,000	420	24,000	1,680	8.2	208	15	61
24EFG6K	-MTF	24	1-1/2	38	2.26	57.4	6,000	420	24,000	1,680	10.0	254	15	61
32EFG6K	-MTF	32	2	51	2.80	71.1	6,000	420	24,000	1,680	25.0	635	15	61

Additional Product

Hose Type	Couplings and Ferrules			Associated Protective Product						
Standard MegaTuff	Gates			Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps	Life Guard	Life Guard Collar
	1 Piece Series	2 Piece Series Coupling	Ferrule							
6EFG6K	-	6GS	6GS1F-4	HSG-05	SGX20	HTG-18	TEXS27	SB29	-	-
8EFG6K	-	8GS	8GS1F-4	HSG-07	SGX25	HTG-20	TEXS31	SB29	-	-
10EFG6K	-	10GS	10GS1F-4	HSG-09	SGX25	HTG-22	TEXS36	SB34	-	-
12EFG6K	-	12GS	12GS1F-4	HSG-10	SGX32	HTG-24	TEXS40	SB41	-	-
16EFG6K	-	16GS	16GS1F-4	HSG-12	SGX40	HTG-30	TEXS47	SB48	-	-
20EFG6K	-	20GS	20GS1F-6	HSG-14	SGX50	HTG-38	TEXS60	SB60	-	-
24EFG6K	24GSM			HSG-15	SGX63	HTG-44	TEXS73	SB67	-	-
32EFG6K	32GSM			HSG-16	SGX75	HTG-64	TEXS93	SB79	-	-

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

EFG5K Spiral Wire Hose - SAE 100R13

5,000psi
350 Bar

Meets Flame Resistance Acceptance Designation MSHA 2G



Recommended For: Extremely high pressure, high impulse applications.
Standards: Exceeds all requirements of ISO 18752 Grade D and SAE 100R13, and performance requirements of EN 856/4SH (-16 & -20), EN 856 4SP (-10 & -12), EN 856 R13 and ISO 3862 Type R13 (-12, -16, -24, -32).
Compatible with biodegradable hydraulic fluids like polyolester, polyglycol and vegetable oil as well as standard petroleum-based fluids. Also available in long lengths.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C).
See *Characteristics Of Hose Stock Types*.
Reinforcement: Four (six for -20, -24 & -32) alternating layers of spiraled, high-tensile steel wire.
Cover: Black, oil resistant, synthetic rubber (Polychloroprene - Type A).
Colour-coded layline. Also available with unique abrasion-resistant MegaTuff® cover.
See *Characteristics Of Hose Stock Types*.
Temperature Range: -40°F to +250°F (-40°C to +121°C).
For water emulsions see *Additional Temperature Limits For Gates Hydraulic Hose.*

Refer www.southcott.com.au for current crimp specifications

Hose Specifications

Part Number													Length (m)	
Standard	MegaTuff	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Carton	Bulk
6EFG5K	-MTF	6	3/8	10	0.80	20.3	5,000	350	20,000	1,400	2.5	64	30	-
8EFG5K	-MTF	8	1/2	12	0.95	24.1	5,000	350	20,000	1,400	3.5	89	30	61
10EFG5K	-MTF	10	5/8	16	1.09	27.7	5,000	350	20,000	1,400	4.0	102	30	61
12EFG5K	-MTF	12	3/4	19	1.24	31.5	5,000	350	20,000	1,400	4.7	119	30	61
16EFG5K	-MTF	16	1	25	1.53	38.9	5,000	350	20,000	1,400	6.0	152	30	61
20EFG5K	-MTF	20	1-1/4	31	1.97	50.0	5,000	350	20,000	1,400	8.2	208	15	61
24EFG5K	-MTF	24	1-1/2	38	2.26	57.4	5,000	350	20,000	1,400	10.0	254	15	61
32EFG5K	-MTF	32	2	51	2.80	71.1	5,000	350	20,000	1,400	25.0	635	15	61

Additional Product

Hose Type	Couplings and Ferrules			Associated Protective Product						
Standard MegaTuff	Gates			Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps	Life Guard	Life Guard Collar
	1 Piece Series	2 Piece Series Coupling	Ferrule							
6EFG5K	-	6GS	6GS1F-4	HSG-05	SGX20	HTG-18	TEXS27	SB29	16LG5K	6SC4
8EFG5K	-	8GS	8GS1F-4	HSG-07	SGX25	HTG-20	TEXS31	SB29	20LG5K	8SC4
10EFG5K	-	10GS	10GS1F-4	HSG-09	SGX25	HTG-22	TEXS36	SB34	22LG5K	10SC4
12EFG5K	-	12GS	12GS1F-4	HSG-10	SGX32	HTG-24	TEXS40	SB41	26LG5K	12SC4
16EFG5K	-	16GS	16GS1F-4	HSG-12	SGX40	HTG-30	TEXS47	SB48	-	-
20EFG5K	-	20GS	20GS1F-6	HSG-14	SGX50	HTG-38	TEXS60	SB60	-	-
24EFG5K	24GSM			HSG-15	SGX63	HTG-44	TEXS73	SB67	-	-
32EFG5K	32GSM			HSG-16	SGX75	HTG-64	TEXS93	SB79	-	-

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

EFG4K Spiral Wire Hose - SAE 100R12

4,000psi
280 Bar

Meets Flame Resistance Acceptance Designation MSHA 2G



Recommended For: Extremely high pressure, high impulse applications.
Standards: Exceeds all requirements of ISO 18752 Grade D, SAE 100R12, EN 856 R12 and ISO 3862 Type R12.
Compatible with biodegradable hydraulic fluids like polyolester, polyglycol and vegetable oil as well as standard petroleum-based fluids. Also available in long lengths.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C).
See *Characteristics Of Hose Stock Types*.
Reinforcement: Four alternating layers of spiraled, high-tensile steel wire.
Cover: Black, oil resistant, synthetic rubber (Polychloroprene - Type A).
Colour-coded layline. Also available with unique abrasion-resistant MegaTuff® cover.
See *Characteristics Of Hose Stock Types*.
Temperature Range: -40°F to +250°F (-40°C to +121°C).
For water emulsions see *Additional Temperature Limits For Gates Hydraulic Hose.*

Refer www.southcott.com.au for current crimp specifications

Hose Specifications

Part Number													Length (m)	
Standard	MegaTuff	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Carton	Bulk
6EFG4K	-MTF	6	3/8	10	0.80	20.3	4,000	280	16,000	1,120	2.5	64	30	-
8EFG4K	-MTF	8	1/2	12	0.95	23.9	4,000	280	16,000	1,120	3.5	89	30	61
10EFG4K	-MTF	10	5/8	16	1.09	27.7	4,000	280	16,000	1,120	4.0	102	30	61
12EFG4K	-MTF	12	3/4	19	1.24	30.7	4,000	280	16,000	1,120	4.7	119	30	61
16EFG4K	-MTF	16	1	25	1.53	38.1	4,000	280	16,000	1,120	6.0	152	30	61
20EFG4K	-MTF	20	1-1/4	31	1.97	47.0	4,000	280	16,000	1,120	8.2	208	15	61

Additional Product

Hose Type	Couplings and Ferrules				Associated Protective Product						
Standard MegaTuff	Gates 2 Piece Series		Child 2 Piece Series		Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps	Life Guard	Life Guard Collar
	Coupling	Ferrule	Coupling	Ferrule							
6EFG4K	6GS	6GS1F-4	S	FNS-06	HSG-05	SGX20	HTG-18	TEXS27	SB29	16LG4K	6SC4
8EFG4K	8GS	8GS1F-4	S	FNS-08	HSG-07	SGX25	HTG-20	TEXS31	SB29	20LG4K	8SC4
10EFG4K	10GS	10GS1F-4	S	FNS-10	HSG-09	SGX25	HTG-22	TEXS36	SB34	22LG4K	10SC4
12EFG4K	12GS	12GS1F-4	S	FNS-12	HSG-10	SGX32	HTG-24	TEXS40	SB41	26LG4K	12SC4
16EFG4K	16GS	16GS1F-4	S	FNS-16	HSG-12	SGX40	HTG-30	TEXS47	SB48	32LG4K	16SC4
20EFG4K	20GS	20GS1F-4	S	FNS-20	HSG-14	SGX50	HTG-38	TEXS60	SB60	-	-

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

EFG3K Spiral Wire Hose - SAE 100R12

3,000psi
210 Bar

Meets Flame Resistance Acceptance Designation MSHA 2G



Recommended For: Extremely high pressure, high impulse applications.
Standards: Exceeds all requirements of ISO 18752 Grade D, SAE 100R12, EN 856 R12 and performance requirements of EN 856 4SP and ISO 3862 Type R12. Compatible with biodegradable hydraulic fluids like polyolester, polyglycol and vegetable oil as well as standard petroleum-based fluids. Also available in long lengths.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C).
See *Characteristics Of Hose Stock Types*.
Reinforcement: Four alternating layers of spiraled, high-tensile steel wire.
Cover: Black, oil resistant, synthetic rubber (Polychloroprene - Type A).
Colour-coded layline. Also available with unique abrasion-resistant MegaTuff® cover.
See *Characteristics Of Hose Stock Types*.
Temperature Range: -40°F to +250°F (-40°C to +121°C).
For water emulsions see *Additional Temperature Limits For Gates Hydraulic Hose.*

Refer www.southcott.com.au for current crimp specifications

Hose Specifications

Part Number													Length (m)	
Standard	MegaTuff	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Carton	Bulk
20EFG3K	-MTF	20	1-1/4	31	1.85	47.0	3,000	210	12,000	840	8.2	208	15	61
24EFG3K	-MTF	24	1-1/2	38	2.11	53.6	3,000	210	12,000	840	10.0	254	15	61
32EFG3K	-MTF	32	2	51	2.63	66.8	3,000	210	12,000	840	25.0	635	15	61

Additional Product

Hose Type	Couplings and Ferrules				Associated Protective Product						
Standard MegaTuff	Gates 2 Piece Series Coupling	Gates 2 Piece Series Ferrule	Child 2 Piece Series Coupling	Child 2 Piece Series Ferrule	Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps	Life Guard	Life Guard Collar
20EFG3K	20GS	20GS1F-4	-	-	HSG-14	SGX50	HTG-38	TEXS60	SB60	-	-
24EFG3K	24GSP	24GSP1F-4	S	FNS-24	HSG-15A	SGX63	HTG-44	TEXS73	SB67	-	-
32EFG3K	32GSP	32GSP1F-4	-	-	HSG-16	SGX75	HTG-64	TEXS93	SB79	-	-

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

Global M5K Mega5000™ Hose

5,000psi
350 Bar

Meets Flame Resistance Acceptance Designation MSHA 2G







Recommended For: High pressure hydraulic applications.
Standards: Exceeds ISO 18752 Grade B
Provides tighter than standard minimum bend radius and greater flexibility for easier plumbing.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C).
See *Characteristics Of Hose Stock Types*.
Reinforcement: Two braids of high-tensile steel wire.
Cover: Black, oil-, abrasion- and weather-resistant synthetic rubber (Nitrile/PVC - Type C2 (-4, -6), Polychloroprene - Type A (-8)). Colour-coded layline. Also available with unique abrasion-resistant MegaTuff® or XtraTuff™ cover.
See *Characteristics Of Hose Stock Types*.
Temperature Range: -40°F to +212°F (-40°C to +100°C).
For water emulsions see *Additional Temperature Limits For Gates Hydraulic Hose.*

Refer www.southcott.com.au for current crimp specifications

Hose Specifications

Part Number														Length (m)
Standard	MegaTuff	XtraTuff	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Reel
4M5K	-MTF	-XTF	4	1/4	6	0.55	14.0	5,000	350	20,000	1,400	2.0	50	134
6M5K	-MTF	-XTF	6	3/8	10	0.70	17.8	5,000	350	20,000	1,400	2.5	64	100
8M5K	-MTF	-XTF	8	1/2	12	0.86	21.8	5,000	350	20,000	1,400	3.5	89	67

Additional Product

Hose Type	Couplings and Ferrules			Associated Protective Product						
Standard MegaTuff XtraTuff	Gates			Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps	Life Guard	Life Guard Collar
	1 Piece Series	2 Piece Series Coupling	Ferrule							
4M5K	4G	-	-	HSG-02	SGX12	HTG-14	TEXS17	SB19	14LG5K	6SC4
6M5K	6G	6GS	6GS1F-2	HSG-04	SGX16	HTG-16	TEXS23	SB22	16LG5K	6SC4
8M5K	8G	8GS	8GS1F-2	HSG-05	SGX20	HTG-18	TEXS27	SB25	20LG5K	8SC4

Global M4K Mega4000™ Hose SAE 100R19

4,000psi
280 Bar

Meets Flame Resistance Acceptance Designation MSHA 2G and ISO 11237 R19

Recommended For: High pressure hydraulic applications.
Standards: Exceeds ISO 18752 Grade B, SAE 100R19 and ISO 11237 R19.
Allows for tighter minimum bend radius, increased working pressure and improved impulse cycles than industry standards. Provides greater performance, flexibility, easier routing and plumbing of mobile and stationary hydraulic platforms.



Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C).
See *Characteristics Of Hose Stock Types*.
Reinforcement: Two braids of high-tensile steel wire.
Cover: Black, oil-, abrasion- and weather-resistant synthetic rubber (Modified Nitrile - Type C2). Colour-coded layline. Also available with unique abrasion-resistant MegaTuff® or XtraTuff™ cover.
See *Characteristics Of Hose Stock Types*.
Temperature Range: -40°F to +212°F (-40°C to +100°C).
For water emulsions see *Additional Temperature Limits For Gates Hydraulic Hose.*

Refer www.southcott.com.au for current crimp specifications

Hose Specifications

Part Number														Length (m)
Standard	MegaTuff	XtraTuff	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Reel
4M4K	-MTF	-XTF	4	1/4	6	0.55	14.0	4,000	280	16,000	1,120	1.5	38	134
6M4K	-MTF	-XTF	6	3/8	10	0.70	17.8	4,000	280	16,000	1,120	2.0	51	100
8M4K	-MTF	-XTF	8	1/2	12	0.82	20.8	4,000	280	16,000	1,120	2.8	71	67
10M4K	-MTF	-XTF	10	5/8	16	0.99	25.2	4,000	280	16,000	1,120	3.0	76	67
12M4K	-MTF	-XTF	12	3/4	19	1.17	29.7	4,000	280	16,000	1,120	3.8	97	67
16M4K	-MTF	-XTF	16	1	25	1.52	38.6	4,000	280	16,000	1,120	4.5	114	50

Additional Product

Hose Type	Couplings and Ferrules						Associated Protective Product						
Standard MegaTuff XtraTuff	Gates			Child			Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps	Life Guard	Life Guard Collar
	1 Piece Series	2 Piece Series Coupling	2 Piece Series Ferrule	1 Piece Series	2 Piece Series Coupling	2 Piece Series Ferrule							
4M4K	4G	-	-	-	S	FN4P-04	HSG-02	SGX12	HTG-14	TEXS17	SB19	14LG4K	6SC4
6M4K	6G	6GS	6GS1F-2	-	S	FN4P-06	HSG-04	SGX16	HTG-16	TEXS23	SB22	16LG4K	6SC4
8M4K	8G	8GS	8GS1F-2	-	S	FNP-08	HSG-05	SGX20	HTG-18	TEXS27	SB25	20LG4K	8SC4
10M4K	10G	10GS	10GS1F-2	-	S	FNP-10	HSG-07	SGX25	HTG-22	TEXS31	SB29	22LG4K	10SC4
12M4K	12G	12GS	12GS1F-2	-	S	FNS-12	HSG-09	SGX32	HTG-26	TEXS36	SB34	26LG4K	12SC4
16M4K	-	16GS	16GS1F-4	-	-	-	HSG-11	SGX40	HTG-30	TEXS47	SB48	32LG4K	16SC4

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

Global M3K Mega3000™ Hose SAE 100R17

3,250psi
225 Bar

Meets Flame Resistance Acceptance Designation MSHA 2G and ISO 11237 R17



Recommended For: High pressure hydraulic applications.
Standards: Exceeds ISO 18752 Grade B, SAE 100R17 and ISO 11237 R17 working pressure, minimum bend radius requirements and performance requirements of EN 857 1SC. M3K hose has smaller exterior dimensions and significantly tighter bend radius than other SAE 100R1 and 100R2 hose.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C).
See *Characteristics Of Hose Stock Types*.
Reinforcement: Braided high-tensile steel wire. 1 braid (-4, -5, -6, -8) or 2 braid (-10, -12, -16).
Cover: Black, oil-, abrasion- and weather-resistant synthetic rubber (Nitrile/PVC - Type C2). Colour-coded layline. Also available with unique abrasion-resistant MegaTuff® or XtraTuff™ cover.
See *Characteristics Of Hose Stock Types*.
Temperature Range: -40°F to +212°F (-40°C to +100°C).
For water emulsions see *Additional Temperature Limits For Gates Hydraulic Hose.*

Refer www.southcott.com.au for current crimp specifications

Hose Specifications

Part Number														Length (m)
Standard	MegaTuff	XtraTuff	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Reel
4M3K	-MTF	-XTF	4	1/4	6	0.48	12.2	3,250	225	13000	900	1.5	38	134
6M3K	-MTF	-XTF	6	3/8	10	0.63	16.0	3,250	225	13,000	900	2.0	51	100
8M3K	-MTF	-XTF	8	1/2	12	0.80	20.3	3,250	225	13,000	900	2.8	71	67
10M3K	-MTF	-XTF	10	5/8	16	0.99	25.2	3,250	225	13,000	900	3.0	76	67
12M3K	-MTF	-XTF	12	3/4	19	1.15	29.2	3,250	225	13,000	900	3.8	97	67
16M3K	-MTF	-XTF	16	1	25	1.48	37.6	3,250	225	13,000	900	4.5	114	50

Additional Product

Hose Type	Couplings and Ferrules						Associated Protective Product						
Standard MegaTuff XtraTuff	Gates			Child			Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps	Life Guard	Life Guard Collar
	1 Piece Series	2 Piece Series Coupling	2 Piece Series Ferrule	1 Piece Series	2 Piece Series Coupling	2 Piece Series Ferrule							
4M3K	4G	-	-	E	S	FN3P-04	HSG-01	SGX12	HTG-13	TEXS17	SB19	14LG3K	6SC4
6M3K	6G	6GS	6GS1F-2	E	S	FN3P-06	HSG-02	SGX16	HTG-16	TEXS23	SB22	16LG3K	6SC4
8M3K	8G	8GS	8GS1F-2	E	S	FN3P-08	HSG-04	SGX20	HTG-18	TEXS27	SB25	20LG3K	8SC4
10M3K	10G	10GS	10GS1F-2	-	S	FNP-10	HSG-07	SGX25	HTG-22	TEXS31	SB29	22LG3K	10SC4
12M3K	12G	12GS	12GS1F-2	E	S	FNP-12	HSG-09	SGX32	HTG-24	TEXS36	SB34	26LG3K	12SC4
16M3K	16G	16GS	16GS1F-2	-	S	FNS-16	HSG-11	SGX40	HTG-30	TEXS44	SB41	32LG3K	16SC4

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

M2T MegaFlex® 2 Wire Braid Hose SAE 100R16

Meets Flame Resistance Acceptance Designation MSHA 2G and ISO 11237 2SC R16

Recommended For: High pressure hydraulic oil lines.
Standards: Exceeds SAE 100R16, SAE 100R2, ISO11237 2SC R16 and ISO 1436 2SN R2 requirements, and performance requirements of EN 857 2SC and EN 853 2SN.
M2T hose has smaller exterior dimensions and a significantly tighter bend radius.



Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C).
See *Characteristics Of Hose Stock Types*.
Reinforcement: Two braids of high-tensile steel wire.
Cover: Black, oil-, abrasion- and weather-resistant synthetic rubber (Nitrile - Type C2). Colour-coded layline. Also available with unique abrasion-resistant MegaTuff® or XtraTuff™ cover.
See *Characteristics Of Hose Stock Types*.
Temperature Range: -40°F to +212°F (-40°C to +100°C).
For water emulsions see *Additional Temperature Limits For Gates Hydraulic Hose.*

Refer www.southcott.com.au for current crimp specifications

Hose Specifications

Part Number														Length (m)
Standard	MegaTuff	XtraTuff	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Reel
4M2T	-MTF	-XTF	4	1/4	6	0.56	14.2	6,000	414	24,000	1,655	1.5	38	167
6M2T	-MTF	-XTF	6	3/8	10	0.70	17.8	5,000	345	20,000	1,380	2.0	51	117
8M2T	-MTF	-XTF	8	1/2	12	0.82	20.8	4,300	297	17,200	1,186	2.8	71	100
10M2T	-MTF	-XTF	10	5/8	16	0.95	24.1	3,800	262	15,200	1,048	3.0	76	67
12M2T	-MTF	-XTF	12	3/4	19	1.11	28.2	3,500	241	14,000	966	3.8	97	67
16M2T	-MTF	-XTF	16	1	25	1.39	35.3	2,500	172	10,000	690	4.5	114	50

Additional Product

Hose Type	Couplings and Ferrules						Associated Protective Product						
Standard MegaTuff XtraTuff	Gates			Child			Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps	Life Guard	Life Guard Collar
	1 Piece Series	2 Piece Series Coupling	Ferrule	1 Piece Series	2 Piece Series Coupling	Ferrule							
4M2T	4G	-	-	E	S	FNP-03	HSG-02	SGX16	HTG-14	TEXS20	SB22	-	-
6M2T	6G	6GS	6GS1F-2	E	S	FNM2P-06	HSG-04	SGX20	HTG-16	TEXS23	SB25	16LG5K	6SC4
8M2T	8G	8GS	8GS1F-2	E	S	FNM2P-08	HSG-05	SGX20	HTG-18	TEXS27	SB25	20LG5K	8SC4
10M2T	10G	10GS	10GS1F-2	-	S	FNM2P-10	HSG-07	SGX25	HTG-22	TEXS31	SB29	22LG4K	10SC4
12M2T	12G	12GS	12GS1F-2	E	S	FNM2P-12	HSG-09	SGX32	HTG-26	TEXS36	SB34	26LG4K	12SC4
16M2T	16G	16GS	16GS1F-4	-	-	-	HSG-11	SGX40	HTG-30	TEXS47	SB48	32LG3K	16SC4

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

CM2TDL MegaFlex® Connected Dual Line 2-Wire Braid Hose SAE 100R16 - XtraTuff™ Cover

Meets Flame Resistance Acceptance Designation MSHA 2G



Recommended For: High abrasive high pressure hydraulic oil lines joined together for easier plumbing and routing.
Standards: Meets SAE 100R16 requirements and exceeds performance standards of EN 857 2SC and ISO/DIS 1436. CM2T hose has smaller exterior dimensions and a significantly tighter bend radius.

Tube: Black, oil resistant, synthetic rubber.
See *Characteristics Of Hose Stock Types*.
Reinforcement: Two braids of high-tensile steel wire.
Cover: Black, oil-, abrasion- and weather-resistant synthetic rubber (Modified Nitrile - Type C2). Colour-coded layline.
See *Characteristics Of Hose Stock Types*.
Temperature Range: -40°F to +212°F (-40°C to +100°C).
For water emulsions see *Additional Temperature Limits For Gates Hydraulic Hose.*

Refer www.southcott.com.au for current crimp specifications

Hose Specifications

Part Number												Length (m)
XtraTuff	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Reel
6CM2TDL-XTF	6	3/8	10	0.70	17.8	4,800	345	19,200	1,324	3.5	89	65
8CM2TDL-XTF	8	1/2	12	0.82	20.8	4,000	297	16,000	1,103	5.0	127	55

Additional Product

Hose Type	Couplings and Ferrules						Associated Protective Product					
XtraTuff	Gates			Child			Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps	Life Guard	Life Guard Collar
	1 Piece Series	2 Piece Series Coupling	2 Piece Series Ferrule	1 Piece Series	2 Piece Series Coupling	2 Piece Series Ferrule						
6CM2TDL-XTF	G	GS	6GS1F-2	E	S	FNM2P-06	SGX20	HTG-30	TEXS40	SB48	26LG5K	-
8CM2TDL-XTF	G	GS	8GS1F-2	E	S	FNM2P-08	SGX20	HTG-36	TEXS44	SB55	32LG4K	-

MXG4K-XTP 2 Wire Braid Hose

4,060psi
280 Bar

1,000,000 Cycle Impulse Life
Standard with XtraTuff™ Plus Cover
Meets Flame Resistance Acceptance Designation MSHA 2G
Compliant to MDG41 and FRAS



Recommended For: High pressure hydraulic applications requiring a premium compact, lightweight hose with spiral performance and flexibility.
Standards: Meets all criteria of ISO 18752 and SAE 100R19. Meets performance criteria of SAE 100R12, EN 856 R12, ISO 3862 R12.
Size -16 also exceeds EN 856 4SP performance requirements.

Tube: Black, oil resistant, synthetic rubber.
See *Characteristics Of Hose Stock Types*.
Reinforcement: Two layers of braided high-tensile steel wire.
Cover: Black, XtraTuff™ Plus abrasion resistant, ozone resistant, synthetic rubber; smooth cover.
See *Characteristics Of Hose Stock Types*.
Temperature Range: -40°F to +250°F (-40°C to +121°C).
For water emulsions see *Additional Temperature Limits For Gates Hydraulic Hose.*

Refer www.southcott.com.au for current crimp specifications

Hose Specifications

Part Number												Length (m)
Standard	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	
6MXG4K-XTP	6	3/8	10	0.70	17.7	4,060	280	16,240	1120	2.5	63.5	100
8MXG4K-XTP	8	1/2	12	0.82	20.7	4,060	280	16,240	1120	3.5	88.9	67
10MXG4K-XTP	10	5/8	16	0.99	25.2	4,060	280	16,240	1120	3.9	99.0	67
12MXG4K-XTP	12	3/4	19	1.14	28.9	4,060	280	16,240	1120	4.7	119.4	67
16MXG4K-XTP	16	1	25	1.50	38.0	4,060	280	16,240	1120	5.9	149.9	50

Couplings & Additional Product

Hose Type	Couplings and Ferrules				Associated Protective Product						
Standard	Gates 2 Piece Series		Child 2 Piece Series		Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps	Life Guard	Life Guard Collar
	Coupling	Ferrule	Coupling	Ferrule							
6MXG4K-XTP	6GS	GS1F-2	S	FNP-06	HSG-04	SGX16	HTG-16	TEXS23	SB22	16LG4K	6SC4
8MXG4K-XTP	8GS	GS1F-2	S	FNP-08	HSG-05	SGX20	HTG-18	TEXS27	SB25	20LG4K	8SC4
10MXG4K-XTP	10GS	GS1F-2	S	FNP-10	HSG-07	SGX25	HTG-22	TEXS31	SB29	22LG4K	10SC4
12MXG4K-XTP	12GS	GS1F-2	S	FNP-12	HSG-09	SGX32	HTG-26	TEXS36	SB34	26LG4K	12SC4
16MXG4K-XTP	16GS	GS1F-4	S	FNS-16	HSG-11	SGX40	HTG-30	TEXS47	SB48	32LG4K	16SC4

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

MXT Wire Braid Hose (Next Generation)

Industry Specified Performance Hose



Meets Flame Resistance Acceptance Designation MSHA 2G, Compliant with MDG41 FRAS Requirements and SAE J1942 (USCG) Hose & Hose Assemblies for Marine Applications

Recommended For: High-pressure hydraulic oil lines.
Standards: Meets SAE 100R16 and 100R17* dimension and performance.
Meets SAE 100R2 and SAE 100R19* performance.
Meets EN 853 2SN and EN 857 2SC performance.
*Applies only to sizes up to and including -12 for SAE 100R17 and -8 for SAE 100R19

Tube: Black, oil resistant, synthetic rubber (Nitrile, PVC).
See *Characteristics Of Hose Stock Types*.
Reinforcement: One braid of high-tensile steel wire.
Cover: Black, oil-, abrasion- and weather-resistant synthetic rubber (Nitrile) with colour-coded layline.
See *Characteristics Of Hose Stock Types*.
Temperature Range: -40°F to +212°F (-40°C to +100°C).

Refer www.southcott.com.au for current crimp specifications

Hose Specifications

Part Number												Length (m)
Standard	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Reel
4MXT	4	1/4	6	0.57	14.5	5,800	400	23,200	1,600	2.0	51	167
6MXT	6	3/8	10	0.68	17.2	4,800	330	19,200	1,320	2.5	64	121
8MXT	8	1/2	12	0.80	20.2	4,000	275	16,000	1,100	2.8	70	100
10MXT	10	5/8	16	0.95	24.0	3,625	250	14,500	1,000	3.0	76	67
12MXT	12	3/4	19	1.08	27.4	3,125	215	12,500	862	4.8	121	67
16MXT	16	1	25	1.38	35.1	2,400	165	9,600	662	6.0	152	50

Couplings, Ferrules & Additional Products

Hose Type	Couplings and Ferrules				Associated Protective Product						
Standard	Gates	Child			Wire Spring Guard	Spiral Guard	Heat Guard	TexSleeve	Shrink Band Clamps	Life Guard	Life Guard Collar
	1 Piece Series	1 Piece Series	2 Piece Series Coupling	2 Piece Series Ferrule							
4MXT	4G	E	S	FNP-04	HSG-02	SGX16	HTG-14	TEXS20	SB22	-	-
6MXT	6G	E	S	FNP-06	HSG-03	SGX20	HTG-16	TEXS27	SB22	16LG5K	6SC4
8MXT	8G	E	S	FNP-08	HSG-04	SGX20	HTG-18	TEXS31	SB25	20LG4K	8SC4
10MXT	10G	-	S	FNP-10	HSG-07	SGX25	HTG-22	TEXS31	SB29	22LG4K	10SC4
12MXT	12G	E	S	FNP-12	HSG-09	SGX25	HTG-24	TEXS44	SB41	26LG4K	12SC4
16MXT	16G	-	S	FNP-16	HSG-11	SGX32	HTG-30	TEXS47	SB48	32LG3K	16SC4

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

Global G2 2-Wire Braid Hose - SAE 100R2 Type S

Meets Flame Resistance Acceptance Designation MSHA 2G

Recommended For: High pressure hydraulic oil lines.
Standards: Meets or exceeds the requirements of SAE 100R2, ISO1436 2SN R2 and EN 853 2SN.



Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C).
See *Characteristics Of Hose Stock Types*.
Reinforcement: Two braids of high-tensile steel wire.
Cover: Black, oil-, abrasion-resistant synthetic rubber (Modified Nitrile -Type C2).
See *Characteristics Of Hose Stock Types*.
Temperature Range: -40°F to +212°F (-40°C to +100°C).
For water emulsions see *Additional Temperature Limits For Gates Hydraulic Hose.*

Refer www.southcott.com.au for current crimp specifications

Hose Specifications

Part Number												Length (m)
Standard	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Reel
4G2	4	1/4	6	0.59	15.0	5,800	400	23,200	1,600	4.0	102	167
6G2	6	3/8	10	0.74	18.8	4,800	330	19,200	1,320	5.0	127	122
8G2	8	1/2	12	0.86	21.8	4,000	275	16,000	1,100	7.0	178	100
10G2	10	5/8	16	0.99	25.2	3,625	250	14,500	1,000	8.0	203	67
12G2	12	3/4	19	1.15	29.2	3,100	215	12,400	855	9.5	214	67
16G2	16	1	25	1.48	37.6	2,400	165	9,600	660	12.0	305	50
20G2	20	1-1/4	31	1.86	47.2	1,825	125	7,300	500	16.5	419	36
24G2	24	1-1/2	38	2.11	53.6	1,300	90	5,000	345	20.0	508	36
32G2	32	2	51	2.62	66.5	1,175	81	4,500	310	25.0	635	36

Additional Product

Hose Type	Couplings and Ferrules										Associated Protective Product						
	Gates			Child													
Standard	1 Piece	2 Piece Series		1 Piece	2 Piece Series		Hammer Series		Field Fit		Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps	Life Guard	Life Guard Collar
	Series	Coupling	Ferrule	Series	Coupling	Ferrule	Coupling	Ferrule	Coupling	Ferrule							
4G2	4G	-	-	E	S	FNP-04	-	-	R	BN2-04	HSG-02	SGX16	HTG-14	TEXS23	SB22	-	-
6G2	6G	6GS	6GS1F-2	E	S	FNP-06	-	-	R	BN2-06	HSG-04	SGX20	HTG-16	TEXS27	SB25	16LG5K	6SC4
8G2	8G	8GS	8GS1F-2	E	S	FNP-08	-	-	R	BN2-08	HSG-05	SGX20	HTG-18	TEXS31	SB29	20LG4K	8SC4
10G2	10G	10GS	10GS1F-2	-	S	FNP-10	-	-	R	BN2-10	HSG-07	SGX25	HTG-22	TEXS33	SB34	22LG4K	10SC4
12G2	12G	12GS	12GS1F-2	E	S	FNP-12	-	-	R	BN2-12	HSG-09	SGX32	HTG-24	TEXS44	SB41	26LG4K	12SC4
16G2	16G	16GS	16GS1F-2	-	S	FNP-16	H	FNH-16	R	BN2-16	HSG-11	SGX40	HTG-30	TEXS47	SB48	32LG3K	16SC4
20G2	20G	20GS	20GS1F-2	-	S	FNP-20	-	-	-	-	HSG-14	SGX50	HTG-36	TEXS60	SB60	-	-
24G2	-	24GSP	24GSP1F-2	-	S	FNP-24	-	-	-	-	HSG-15	SGX63	HTG-40	TEXS73	SB60	-	-
32G2	-	32GSP	32GSP1F-2	-	S	FNP-32	-	-	-	-	HSG-15A	SGX75	HTG-64	TEXS93	SB73	-	-

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

G2XH 2-Wire Braid Xtreme® Heat Hose SAE 100R2 Type S

High Temp
149°C

Meets Flame Resistance Acceptance Designation MSHA 2G



Recommended For: Extremely high temperature high pressure hydraulic applications.
Standards: Exceeds pressure and temperature requirements of SAE 100 R2, ISO1436 2SN R2 and EN 853 2SN or where resistance to either petroleum-base of phosphate ester fluids is required. Meets SAE J1942 requirements.
Tube: Black, oil resistant, synthetic rubber (CPE - Type J).
See *Characteristics Of Hose Stock Types*.
Reinforcement: Two braids of high-tensile steel wire.
Cover: Blue, oil-resistant thin synthetic rubber (CSM - Type M).
See *Characteristics Of Hose Stock Types*.
Temperature Range: Petroleum-base fluids: -40°F to +300°F (-40°C to +149°C). Phosphate ester fluids as recommended by the fluid manufacturer but within range of -40°F to +212°F (-40°C to +100°C). For water emulsions: +225°F (+107°C) in pressure lines, maximum +180°F (+82°C) in return lines.

Refer www.southcott.com.au for current crimp specifications

Hose Specifications

Part Number												Length (m)
Standard	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Reel
4G2XH	4	1/4	6	0.59	15.0	6,000	413	24,000	1,655	4.0	102	167
6G2XH	6	3/8	10	0.74	18.8	5,000	345	20,000	1,379	5.0	127	122
8G2XH	8	1/2	12	0.86	21.8	4,250	293	17,000	1,172	7.0	178	100
10G2XH	10	5/8	16	0.99	25.1	3,625	250	14,500	1,000	8.0	203	67
12G2XH	12	3/4	19	1.15	29.2	3,100	215	12,400	855	9.5	214	67
16G2XH	16	1	25	1.48	37.6	2,500	172	10,000	689	12.0	305	50
20G2XH	20	1-1/4	31	1.86	47.2	2,250	155	9,000	620	16.5	419	39
24G2XH	24	1-1/2	38	2.15	54.6	1,800	124	7,200	496	20.0	508	39
32G2XH	32	2	51	2.65	67.3	1,500	103	6,000	413	25.0	635	39

Additional Product

Hose Type	Couplings and Ferrules										Associated Protective Product						
	Gates			Child													
Standard	1 Piece	2 Piece Series		1 Piece	2 Piece Series		Hammer Series		Field Fit		Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps	Life Guard	Life Guard Collar
	Series	Coupling	Ferrule	Series	Coupling	Ferrule	Coupling	Ferrule	Coupling	Ferrule							
4G2XH	4G	-	-	E	S	FNP-04	-	-	R	BN2-04	HSG-02	SGX16	HTG-14	TEXS23	SB22	-	-
6G2XH	6G	6GS	6GS1F-2	E	S	FNP-06	-	-	R	BN2-06	HSG-04	SGX20	HTG-16	TEXS27	SB25	16LG5K	6SC4
8G2XH	8G	8GS	8GS1F-2	E	S	FNP-08	-	-	R	BN2-08	HSG-05	SGX20	HTG-18	TEXS31	SB29	20LG4K	8SC4
10G2XH	10G	10GS	10GS1F-2	-	S	FNP-10	-	-	R	BN2-10	HSG-07	SGX25	HTG-22	TEXS33	SB34	22LG4K	10SC4
12GSXH	12G	12GS	12GS1F-2	E	S	FNP-12	-	-	R	BN2-12	HSG-09	SGX32	HTG-24	TEXS44	SB41	26LG4K	12SC4
16GSXH	16G	16GS	16GS1F-2	-	S	FNP-16	H	FNH-16	R	BN2-16	HSG-11	SGX40	HTG-30	TEXS47	SB48	32LG4K	16SC4
20G2XH	20G	20GS	20GS1F-2	-	S	FNP-20	-	-	-	-	HSG-14	SGX50	HTG-36	TEXS60	SB60	-	-
24G2XH	-	24GSP	24GSP1F-2	-	-	-	-	-	-	-	HSG-15	SGX63	HTG-40	TEXS73	SB60	-	-
32G2XH	-	32GSP	32GSP1F-2	-	-	-	-	-	-	-	HSG-15A	SGX75	HTG-64	TEXS93	SB73	-	-

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

Global G2H High-Temp 2-Wire Braid Hose Type AT

High Temp
135°C

Meets Flame Resistance Acceptance Designation MSHA 2G



Recommended For: High temperature high pressure hydraulic oil lines.
Standards: Meets or exceeds the requirements of SAE 100R2, ISO1436 2SN R2 and EN 853 2SN.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C).
See *Characteristics Of Hose Stock Types*.
Reinforcement: Two braids of high-tensile steel wire.
Cover: Black, oil-resistant synthetic rubber (Modified Nitrile - Type C2). Also available with unique abrasion-resistant MegaTuff® cover.
See *Characteristics Of Hose Stock Types*.
Temperature Range: -40°F to +275°F (-40°C to +135°C) constant and +300°F (+149°C) intermittent (up to 10% of operating time).
For water emulsions see *Additional Temperature Limits For Gates Hydraulic Hose.*

Refer www.southcott.com.au for current crimp specifications

Hose Specifications

Part Number													Length (m)
Standard	MegaTuff	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Reel
20G2H	-MTF	20	1-1/4	31	1.86	47.2	1,825	125	7,300	500	16.5	419	36
24G2H	-MTF	24	1-1/2	38	2.11	53.6	1,300	90	5,000	345	20.0	508	36
32G2H		32	2	51	2.62	66.6	1,175	81	4,500	310	25.0	635	36

Additional Product

Hose Type	Couplings and Ferrules					Associated Protective Product						
Standard MegaTuff	Gates			Child		Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps	Life Guard	Life Guard Collar
	1 Piece Series	2 Piece Series		2 Piece Series								
		Coupling	Ferrule	Coupling	Ferrule							
20G2H	20G	20GS	20GS1F-2	S	FNP-20	HSG-14	SGX50	HTG-36	TEXS60	SB60	-	-
24G2H	-	24GSP	24GSP1F-2	S	FNP-24	HSG-15	SGX63	HTG-40	TEXS73	SB60	-	-
32G2H	-	32GSP	32GSP1F-2	S	FNP-32	HSG-15A	SGX75	HTG-64	TEXS93	SB73	-	-

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

CR2 2-Wire Braid Hose

SAE 100R2

Meets Flame Resistance Acceptance Designation MSHA 2G

Recommended For: Non-severe, high pressure hydraulic applications with low flexure requirements.
Standards: SAE 100R2 or EN853 specification for dimensions and performance.



Tube: Black, oil resistant, synthetic rubber (Nitrile).
See *Characteristics Of Hose Stock Types*.
Reinforcement: Two braids of high-tensile steel wire.
Cover: Black, abrasion-resistant synthetic rubber (Modified SBR).
See *Characteristics Of Hose Stock Types*.
Temperature Range: -40°F to +212°F (-40°C to +100°C).

Refer www.southcott.com.au for current crimp specifications

Hose Specifications

Part Number												Length (m)
Standard	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Reel
4CR2	4	1/4	6	0.57	14.5	5,800	400	23,200	1,600	4.0	102	167
6CR2	6	3/8	10	0.68	17.2	4,800	330	19,200	1,320	5.0	127	122
8CR2	8	1/2	12	0.80	20.2	4,000	275	16,000	1,100	7.0	178	100
10CR2	10	5/8	16	0.95	24.0	3,625	250	14,500	1,000	8.0	203	67
12CR2	12	3/4	19	1.08	27.4	3,125	215	12,500	862	9.5	214	67
16CR2	16	1	25	1.38	35.0	2,400	165	9,600	660	12.0	305	50

Couplings, Ferrules & Additional Products

Hose Type	Couplings and Ferrules				Associated Protective Product						
Standard MegaTuff	Gates	Child			Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps	Life Guard	Life Guard Collar
	1 Piece Series	1 Piece Series	2 Piece Series Coupling	2 Piece Series Ferrule							
4CR2	4G	E	S	FNP-04	HSG-02	SGX16	HTG-13	TEX23	SB22	-	-
6CR2	6G	E	S	FNP-06	HSG-04	SGX20	HTG-16	TEX27	SB25	16LG5K	6SC4
8CR2	8G	E	S	FNP-08	HSG-05	SGX20	HTG-18	TEX31	SB29	20LG4K	8SC4
10CR2	10G	-	-	-	HSG-07	SGX25	HTG-22	TEX33	SB34	22LG4K	10SC4
12CR2	12G	E	S	FNP-12	HSG-09	SGX32	HTG-24	TEX44	SB41	26LG4K	12SC4
16CR2	16G	-	S	FNP-16	HSG-11	SGX40	HTG-30	TEX47	SB47	32LG4K	16SC4

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

EF2 2-Wire Braid AG Hose

SAE 100R2 AT (Non-MSHA Rated Hose)

Recommended For: High-pressure hydraulic lines
Standards: SAE 100R2 Type AT and EN853 specifications.



Tube: Black, oil resistant, synthetic rubber (Nitrile).
See *Characteristics Of Hose Stock Types*.
Reinforcement: Two braids of high-tensile steel wire.
Cover: Black, abrasion-resistant synthetic rubber (Modified CR).
See *Characteristics Of Hose Stock Types*.
Temperature Range: -40°F to +212°F (-40°C to +100°C).
For water emulsions: Max 200°F (93°C) pressure lines, Max 180°F (82°C) return lines

Refer www.southcott.com.au for current crimp specifications

Hose Specifications

Part Number												Length (m)
Standard	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Reel
4EF2	4	1/4	6	0.57	14.6	5,800	400	23,200	1,600	4.0	102	167
6EF2	6	3/8	10	0.73	18.6	4,800	330	19,200	1,320	5.0	127	122
8EF2	8	1/2	12	0.85	21.5	4,000	275	16,000	1,100	7.0	178	100
12EF2	12	3/4	19	1.14	29.0	3,125	215	12,500	862	9.5	214	67
16EF2	16	1	25	1.46	37.2	2,400	165	9,600	660	11.8	300	50

Couplings, Ferrules & Additional Products

Hose Type	Couplings and Ferrules						Associated Protective Product						
Standard	Gates	Child					Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps	Life Guard	Life Guard Collar
	1 Piece Series	1 Piece Series	2 Piece Series Coupling	2 Piece Series Ferrule	Field Fit Coupling	Field Fit Ferrule							
4EF2	4G	E	S	FNP-04	R	BN2-04	HSG-02	SGX16	HTG-13	TEX23	SB22	-	-
6EF2	6G	E	S	FNP-06	R	BN2-06	HSG-04	SGX20	HTG-16	TEX27	SB25	16LG5K	6SC4
8EF2	8G	E	S	FNP-08	R*	BN2-08	HSG-05	SGX20	HTG-18	TEX31	SB29	20LG4K	8SC4
12EF2	12G	E	S	FNP-12	R	BN2-12	HSG-09	SGX32	HTG-24	TEX44	SB41	26LG4K	12SC4
16EF2	16G	-	S	FNP-16	R	BN2-16	HSG-11	SGX40	HTG-30	TEX47	SB48	32LG4K	16SC4

*Maximu working pressure 3500psi

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

STFS00HP - Hypress Hy-Ultra

American Jacking Specification IJ100 (1/4")

10,150psi
700 Bar

Features: Combined aramid and steel braid construction for compact design. Lightweight and flexible. Small bend radius for use on hose reels. Anti-abrasion cover.
Standards: Meets Material Handling Institute specification IJ 100 (1/4")for hydraulic hose and assemblies used with jacking systems.



Tube: Polyester elastomer.
See *Characteristics Of Hose Stock Types*.
Reinforcement: One or two braids of aramid fibre plus one steel braid.
Cover: Polyurethane, black, pinpricked, white ink-jet branding.
See *Characteristics Of Hose Stock Types*.
Recommended Fluids: Hydraulic fluid, petroleum-based; Glycol, water-based.

Temperature Range: -40°F to +212°F (-40°C to +100°C) continuous, +158°F (+70°C) for water-based fluids

Hose Specifications

Part Number											
Standard	Dash	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm
STFS00HP-04	4	1/4	6.6	1/2	12.7	10,150	700	40,600	2,800	1.4	35

Additional Product NB: Individual sleeving is not sufficient to provide burst protection at these pressures

Hose Type	Couplings and Ferrules		Associated Protective Product						
Standard	IMM		Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps	Life Guard	Life Guard Collar
	Coupling	Ferrule							
STFS00HP-04	S0370T04-06	S00HP-04	HSG-01	SGX16	HTG-13	TEXS17	SB19	14LG5K	6SC4

Also available in twin version. Use order code ST2S00HP (MOQ may apply).



Also available in non-conductive version (orange). Use order code STFSNCHP (MOQ may apply).



J2AT 2-Wire Braid Jack Hose
10,000psi Static Pressure Only

10,000psi
690 Bar

Meets Flame Resistance Acceptance Designation MSHA 2G





Recommended For: Hydraulic jack applications.
Standards: Meets Material Handling Institute specification IJ 100 for hydraulic hose and assemblies used with jacking systems. 10,000 static pressure only.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C).
See *Characteristics Of Hose Stock Types*.
Reinforcement: Two braids of high-tensile steel wire.
Cover: Black, oil- and abrasion-resistant synthetic rubber (Nitrile/PVC - Type C2). Also available with unique abrasion-resistant MegaTuff® cover.
See *Characteristics Of Hose Stock Types*.
Temperature Range: -40°F to +120°F (-40°C to +49°C).

Refer www.southcott.com.au for current crimp specifications

Hose Specifications

Part Number													Length (m)
Standard	MegaTuff	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Reel
4J2AT	-MTF	4	1/4	6	0.59	15.0	10,000	689	20,000	1,862	4.0	102	106
6J2AT	-MTF	6	3/8	10	0.74	18.8	10,000	689	20,000	1,862	5.0	127	100

Additional Product

Hose Type	Couplings and Ferrules				Associated Protective Product						
Standard MegaTuff	Gates	Child			Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps	Life Guard	Life Guard Collar
	1 Piece Series	1 Piece Series	2 Piece Series								
			Coupling	Ferrule							
4J2AT	4G	E	S	FNP-04	HSG-02	SGX16	HTG-13	TEXS23	SB25	-	-
6J2AT	6G	E	S	FNP-06	HSG-04	SGX20	HTG-16	TEXS27	SB29	-	-

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

G1 1-Wire Braid Hose - SAE 100R1 Type S

Meets Flame Resistance Acceptance Designation MSHA 2G



Recommended For: Medium pressure hydraulic oil lines.
Standards: Meets or exceeds the requirements of SAE 100R1, ISO1436 1SN R1 and the performance requirements of EN 853 1SN.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C).
See *Characteristics Of Hose Stock Types*.
Reinforcement: One braid of high-tensile steel wire.
Cover: Black, oil-, abrasion-resistant synthetic rubber (Nitrile/PVC -Type C2).
See *Characteristics Of Hose Stock Types*.
Temperature Range: -40°F to +212°F (-40°C to +100°C).
For water emulsions see *Additional Temperature Limits For Gates Hydraulic Hose.*

Refer www.southcott.com.au for current crimp specifications

Hose Specifications

Part Number												Length (m)
Standard	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Reel
3G1	3	3/16	5	0.47	11.9	3,625	350	14,500	1,000	3.0	76	207
4G1	4	1/4	6	0.53	13.5	3,275	226	13,100	903	4.0	102	134
6G1	6	3/8	10	0.68	17.3	2,600	179	10,400	717	5.0	127	117
8G1	8	1/2	12	0.80	20.3	2,325	160	9,300	641	7.0	178	100
10G1	10	5/8	16	0.93	23.6	1,900	131	7,600	524	8.0	203	67
12G1	12	3/4	19	1.09	27.7	1,525	105	6,100	421	9.0	229	67
16G1	16	1	25	1.40	35.6	1,300	90	5,200	359	12.0	305	50
20G1	20	1-1/4	31	1.71	43.4	925	64	3,700	255	16.0	406	36
24G1	24	1-1/2	38	1.96	49.8	725	50	2,900	200	20.0	508	36
32G1	32	2	51	2.51	63.8	600	41	2,400	166	25.0	635	36

Additional Product

Hose Type	Couplings and Ferrules								Associated Protective Product						
	Gates			Child											
Standard	1 Piece Series	2 Piece Series		1 Piece Series	2 Piece Series		Field Fit		Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps	Life Guard	Life Guard Collar
		Coupling	Ferrule		Coupling	Ferrule	Coupling	Ferrule							
3G1	-	-	-	-	P	FNP-03	-	-	HSG-01	SGX12	HTG-12	TEXS20	SB19	14LG4K	6SC4
4G1	4G	-	-	E	S	FNP-04	R	BN1-04	HSG-02	SGX12	HTG-13	TEXS23	SB22	14LG4K	6SC4
6G1	6G	6GS	6GS1F-2	E	S	FNP-06	R	BN1-06	HSG-03	SGX20	HTG-16	TEXS27	SB22	16LG3K	6SC4
8G1	8G	8GS	8GS1F-2	E	S	FNP-08	R	BN1-08	HSG-04	SGX20	HTG-18	TEXS31	SB25	20LG3K	8SC4
10G1	10G	10GS	10GS1F-2	-	S	FNP-10	-	-	HSG-06	SGX25	HTG-22	TEXS33	SB29	22LG3K	10SC4
12G1	12G	12GS	12GS1F-2	E	S	FNP-12	R	BN1-12	HSG-09	SGX25	HTG-24	TEXS44	SB41	26LG3K	12SC4
16G1	16G	16GS	16GS1F-2	-	S	FNP-16	R	BN1-16	HSG-11	SGX32	HTG-30	TEXS47	SB48	32LG3K	16SC4
20G1	20G	20GS	20GS1F-2	-	S	FNP-20	-	-	HSG-13	SGX40	HTG-36	TEXS60	SB60	-	-
24G1	-	24GSP	24GSP1F-2	-	S	FNP-24	-	-	HSG-14	SGX50	HTG-40	TEXS73	SB60	-	-
32G1	-	32GSP	32GSP1F-2	-	S	FNP-32	-	-	HSG-15A	SGX63	HTG-64	TEXS93	SB73	-	-

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

G1H 1-Wire Braid Hose - High Temp
SAE 100R1 Type AT

High Temp
135°C

Meets Flame Resistance Acceptance Designation MSHA 2G



Recommended For: High temperature medium pressure hydraulic oil lines.
Standards: Meets or exceeds the requirements of SAE 100R1 Type AT.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C).
See *Characteristics Of Hose Stock Types*.
Reinforcement: One braid of high-tensile steel wire.
Cover: Black, oil-, abrasion-resistant synthetic rubber (CSM - Type M).
See *Characteristics Of Hose Stock Types*.
Temperature Range: -40°F to +275°F (-40°C to +135°C) constant and
+300°F (+149°C) intermittent (up to 10% of operating time).
For water emulsions see *Additional Temperature Limits For Gates Hydraulic Hose.*

Refer www.southcott.com.au for current crimp specifications

Hose Specifications

Part Number												Length (m)
Standard	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Reel
4G1H	4	1/4	6	0.53	13.5	2,750	189	11,000	758	4.0	102	134
6G1H	6	3/8	10	0.69	17.3	2,250	155	9,000	620	5.0	127	117
8G1H	8	1/2	12	0.80	20.3	2,000	137	8,000	551	7.0	178	100
10G1H	10	5/8	16	0.94	23.6	1,500	103	6,000	413	8.0	203	67
12G1H	12	3/4	19	1.10	27.7	1,250	86	5,000	344	9.5	241	67
16G1H	16	1	25	1.41	35.6	1,000	69	4,000	275	12.0	305	50
20G1H	20	1-1/4	31	1.71	43.4	925	64	3,700	255	16.0	406	36
24G1H	24	1-1/2	38	1.96	49.8	725	50	2,900	200	20.0	508	36
32G1H	32	2	51	2.51	63.8	600	41	2,400	166	25.0	635	36

Additional Product

Hose Type	Couplings and Ferrules								Associated Protective Product						
	Gates			Child											
Standard	1 Piece Series	2 Piece Series		1 Piece Series	2 Piece Series		Field Fit		Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps	Life Guard	Life Guard Collar
		Coupling	Ferrule		Coupling	Ferrule	Coupling	Ferrule							
4G1H	4G	-	-	E	S	FNP-04	R	BN1-04	HSG-02	SGX12	HTG-13	TEXS23	SB22	14LG4K	6SC4
6G1H	6G	6GS	6GS1F-2	E	S	FNP-06	R	BN1-06	HSG-03	SGX20	HTG-16	TEXS27	SB22	16LG3K	6SC4
8G1H	8G	8GS	8GS1F-2	E	S	FNP-08	R	BN1-08	HSG-04	SGX20	HTG-18	TEXS31	SB25	20LG3K	8SC4
10G1H	10G	10GS	10GS1F-2	-	S	FNP-10	-	-	HSG-06	SGX25	HTG-22	TEXS33	SB29	22LG3K	10SC4
12G1H	12G	12GS	12GS1F-2	E	S	FNP-12	R	BN1-12	HSG-09	SGX25	HTG-24	TEXS44	SB41	26LG3K	12SC4
16G1H	16G	16GS	16GS1F-2	-	S	FNP-16	R	BN1-16	HSG-11	SGX32	HTG-30	TEXS47	SB48	32LG3K	16SC4
20G1H	20G	20GS	20GS1F-2	-	S	FNP-20	-	-	HSG-13	SGX40	HTG-36	TEXS60	SB60	-	-
24G1H	-	24GSP	24GSP1F-2	-	S	FNP-24	-	-	HSG-14	SGX50	HTG-40	TEXS73	SB60	-	-
32G1H	-	32GSP	32GSP1F-2	-	S	FNP-32	-	-	HSG-15A	SGX63	HTG-64	TEXS93	SB73	-	-

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

CR1 1-Wire Braid Hose

SAE 100R1

Meets Flame Resistance Acceptance Designation MSHA 2G



Recommended For: Non-severe, medium pressure hydraulic applications with low flexure requirements.
Standards: SAE 100R1 or EN853 1SN specification for dimensions and performance.

Tube: Black, oil resistant, synthetic rubber (Nitrile).
See *Characteristics Of Hose Stock Types*.
Reinforcement: One braid of high-tensile steel wire.
Cover: Black, abrasion-resistant synthetic rubber (Modified SBR).
See *Characteristics Of Hose Stock Types*.
Temperature Range: -40°F to +212°F (-40°C to +100°C).

Refer www.southcott.com.au for current crimp specifications

Hose Specifications

Part Number												Length (m)
Standard	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Reel
4CR1	4	1/4	6	0.52	13.2	3,275	226	13,100	903	4.0	102	134
6CR1	6	3/8	10	0.66	16.8	2,600	179	10,400	717	5.0	127	117
8CR1	8	1/2	12	0.78	19.8	2,325	160	9,300	641	7.0	178	100
10CR1	10	5/8	16	0.91	23.1	1,900	131	7,600	524	8.0	203	67
12CR1	12	3/4	19	1.07	27.2	1,525	105	6,100	421	9.5	241	67
16CR1	16	1	25	1.38	35.1	1,250	86	5,000	345	11.8	300	50

Couplings, Ferrules & Additional Products

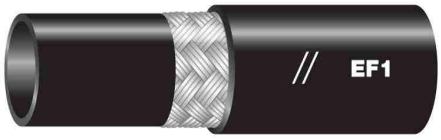
Hose Type	Couplings and Ferrules				Associated Protective Product						
Standard	Gates	Child			Wire Spring Guard	Spiral Guard	Heat Guard	TexSleeve	Shrink Band Clamps	Life Guard	Life Guard Collar
	1 Piece Series	1 Piece Series	2 Piece Series Coupling	2 Piece Series Ferrule							
4CR1	4G	E	S	FNP-04	HSG-02	SGX12	HTG-13	TEXS23	SB22	14LG4K	6SC4
6CR1	6G	E	S	FNP-06	HSG-03	SGX20	HTG-16	TEXS27	SB22	16LG3K	6SC4
8CR1	8G	E	S	FNP-08	HSG-04	SGX20	HTG-18	TEXS31	SB25	20LG3K	8SC4
10CR1	10G	-	-	-	HSG-06	SGX25	HTG-22	TEXS33	SB29	22LG3K	10SC4
12CR1	12G	E	S	FNP-12	HSG-09	SGX25	HTG-24	TEXS44	SB41	26LG3K	12SC4
16CR1	16G	-	S	FNP-16	HSG-11	SGX32	HTG-30	TEXS47	SB48	32LG3K	16SC4

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

EF1 1-Wire Braid AG Hose

SAE 100R2 AT (Non-MSHA Rated Hose)

Recommended For: Medium-pressure hydraulic lines
Standards: SAE 100R2 Type AT and EN853 specifications.



Tube: Black, oil resistant, synthetic rubber (Nitrile).
See *Characteristics Of Hose Stock Types*.
Reinforcement: One braid of high-tensile steel wire.
Cover: Black, abrasion-resistant synthetic rubber (Modified CR).
See *Characteristics Of Hose Stock Types*.
Temperature Range: -40°F to +212°F (-40°C to +100°C).
For water emulsions: Max 200°F (93°C) pressure lines, Max 180°F (82°C) return lines

Refer www.southcott.com.au for current crimp specifications

Hose Specifications

Part Number												Length (m)
Standard	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Reel
4EF1	4	1/4	6	0.52	13.2	3,275	226	13,100	903	4.0	102	134
6EF1	6	3/8	10	0.66	16.8	2,600	179	10,400	717	5.0	127	117
8EF1	8	1/2	12	0.78	19.8	2,325	160	9,300	641	7.0	178	100
12EF1	12	3/4	19	1.07	27.1	1,525	105	6,100	421	9.5	214	67
16EF1	16	1	25	1.38	35.0	1,250	86	5,000	345	11.8	300	50

Couplings, Ferrules & Additional Products

Hose Type	Couplings and Ferrules						Associated Protective Product						
Standard	Gates	Child					Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps	Life Guard	Life Guard Collar
	1 Piece Series	1 Piece Series	2 Piece Series Coupling	2 Piece Series Ferrule	Field Fit Coupling	Field Fit Ferrule							
4EF1	4G	E	S	FNP-04	R	BN1-04	HSG-02	SGX12	HTG-13	TEX23	SB22	14LG4K	6SC4
6EF1	6G	E	S	FNP-06	R	BN1-06	HSG-04	SGX20	HTG-16	TEX27	SB22	16LG3K	6SC4
8EF1	8G	E	S	FNP-08	R	BN1-08	HSG-05	SGX20	HTG-18	TEX31	SB25	20LG3K	8SC4
12EF1	12G	E	S	FNP-12	R	BN1-12	HSG-09	SGX25	HTG-24	TEX44	SB41	26LG3K	12SC4
16EF1	16G	-	S	FNP-16	R	BN1-16	HSG-11	SGX32	HTG-30	TEX47	SB48	32LG3K	16SC4

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

MegaTech® II - SAE 100R2 Type AT - ACP

High Temp
149°C

Fleet Applications

Recommended For: Multi purpose high pressure, high temperature air compressor lines, petroleum base or phosphate ester hydraulic fluid supply lines.
Standards: Meets the requirements of SAE J1405 performance specifications for high temperature transmission and lubrication oil systems using petroleum base oils. Meets or exceeds the requirements of SAE 100R2 and SAE 100R2 Type S.



Tube: Black, oil resistant, synthetic rubber (CPE - Type J).
See *Characteristics Of Hose Stock Types*.
Reinforcement: Two braids of high-tensile steel wire.
Cover: Blue, oil- and abrasion-resistant polyester braid.
See *Characteristics Of Hose Stock Types*.
Temperature Range: -40°F to +300°F (-40°C to +149°C).

Refer www.southcott.com.au for current crimp specifications

Hose Specifications

Part Number												Length (m)
Standard	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Reel
20MegaTech-II	20	1-1/4	31	1.89	48.0	2,250	155	9,000	620	15.0	381	30
24MegaTech-II	24	1-1/2	38	2.13	54.1	1,500	103	6,000	413	20.0	508	30
32MegaTech-II	32	2	51	2.61	66.3	1,300	89	5,200	358	25.0	635	30

Additional Product

Hose Type	Couplings and Ferrules					Associated Protective Product				
Standard	Gates			Child		Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps
	1 Piece Series	2 Piece Coupling	2 Piece Ferrule	2 Piece Series Coupling	2 Piece Series Ferrule					
20MegaTech-II	20G	-	-	-	-	HSG-14	SGX50	HTG-36	TEXS60	SB60
24 MegaTech-II	-	24GSP	24GSP1F-2	S	FNP-24	HSG-15	SGX63	HTG-44	TEXS73	SB67
32 MegaTech-II	-	32GSP	32GSP1F-2	S	FNP-32	HSG-15A	SGX75	HTG-64	TEXS93	SB79

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

MegaTech® 1000 High-Temp Oil-Air Return

High Temp
149°C

Fleet Applications



Recommended For: Air brake hose, pressurised hot oil return lines and rotary oil/air compressor lines.
Standards: Meets the requirements of DOT FMVSS 106-74, SAE J1402 for Air Brake hose (-4, -6, -8, -10) and SAE J1405 performance specifications for high temperature transmission and lubrication oil systems using petroleum base oils. Not recommended for gasoline or diesel fuel applications.

Tube: GTS (Gates Technical Spec.) black tube specifically compounded for temperature and chemical resistance (CPE - Type J).
See *Characteristics Of Hose Stock Types*.
Reinforcement: One braid of high-tensile steel wire.
Cover: Oil- and mildew-resistant textile braid impregnated with synthetic rubber.
See *Characteristics Of Hose Stock Types*.
Temperature Range: Petroleum-based fluids: -40°F to +300°F (-40°C to +149°C).
Phosphate ester fluids as recommended by the fluid manufacturer but within range of -40°F to +212°F (-40°C to +100°C).
For water emulsions see *Additional Temperature Limits For Gates Hydraulic Hose.*

Refer www.southcott.com.au for current crimp specifications

Hose Specifications

Part Number												Length (m)
Standard	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Reel
4MegaTech1000	4	1/4	6	0.52	13.2	1,000	68	4,000	275	2.0	50.8	106
6MegaTech1000	6	3/8	10	0.66	16.8	1,000	68	4,000	275	2.5	63.5	106
8MegaTech1000	8	1/2	12	0.80	20.3	1,000	68	4,000	275	3.5	88.9	106
10MegaTech1000	10	5/8	16	0.93	23.6	1,000	68	4,000	275	4.0	101.6	91
12MegaTech1000	12	3/4	19	1.15	29.2	1,000	68	4,000	275	4.7	119.4	60
16MegaTech1000	16	1	25	1.37	34.8	1,000	68	4,000	275	6.0	152.4	45
20Megatech1000	20	1-1/4	31	1.64	41.7	1,000	68	4,000	275	8.5	215.9	30

Additional Product

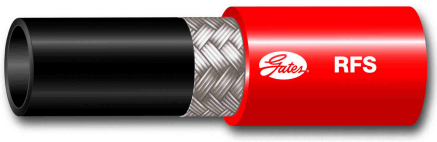
Hose Type	Couplings and Ferrules			Associated Protective Product						
Standard	Gates	Child		Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps	Life Guard	Life Guard Collar
	1 Piece Series	2 Piece Series Coupling	Ferrule							
4MegaTech1000	4G	-	-	HSG-03	SGX16	HTG-13	TEXS23	SB22	14LG4K	6SC4
6MegaTech1000	6G	-	-	HSG-04	SGX20	HTG-16	TEXS27	SB22	16LG3K	6SC4
8MegaTech1000	8G	-	-	HSG-07	SGX25	HTG-18	TEXS31	SB25	20LG3K	8SC4
10MegaTech1000	10G	-	-	HSG-09	SGX32	-	TEXS33	SB29	22LG3K	10SC4
12MegaTech1000	12G	S	FNP-12	HSG-10	SGX40	-	TEXS44	SB41	26LG3K	12SC4
16MegaTech1000	16G	-	-	HSG-12	SGX50	HTG-24	TEXS47	SB48	32LG3K	16SC4
20MegaTech1000	20G	-	-	HSG-14	SGX50	HTG-30	TEXS60	SB60	-	

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

RFS Red Fire Suppressant Hose

Meets Flame Resistance Acceptance Designation MSHA 2G

Recommended For: Low pressure powder fire suppressant applications in mining, forestry and fire fighting equipment. The red cover is for easy visual identification in these applications.
Standards: Meets performance requirements of SAE 100R1.



Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C).
See *Characteristics Of Hose Stock Types*.
Reinforcement: One braid of high-tensile steel wire.
Cover: Red, oil- and abrasion-resistant synthetic rubber (Modified Nitrile - Type C).
See *Characteristics Of Hose Stock Types*.
Temperature Range: -40°F to +212°F (-40°C to +100°C).
For water emulsions see *Additional Temperature Limits For Gates Hydraulic Hose.*

Refer www.southcott.com.au for current crimp specifications

Hose Specifications

Part Number												Length (m)
Standard	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Reel
4RFS	4	1/4	6	0.53	13.5	2,750	189	11,000	758	4.0	102	134
6RFS	6	3/8	10	0.68	17.3	2,250	155	9,000	620	5.0	127	91
8RFS	8	1/2	12	0.80	20.3	2,000	137	8,000	551	7.0	178	100
12RFS	12	3/4	19	1.09	27.7	1,250	86	5,000	344	9.5	241	91
16RFS	16	1	25	1.41	35.8	1,000	68	4,000	275	12.0	304	50

Additional Product

Hose Type	Couplings and Ferrules				Associated Protective Product				
Standard	Gates 1 Piece Series	Child 1 Piece Series	Child 2 Piece Series Coupling	Child 2 Piece Series Ferrule	Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps
4RFS	4G	E	S	FNP-04	HSG-02	SGX12	HTG-13	TEXS23	SB22
6RFS	6G	E	S	FNP-06	HSG-03	SGX12	HTG-16	TEXS27	SB22
8RFS	8G	E	S	FNP-08	HSG-04	SGX20	HTG-18	TEXS31	SB25
12RFS	12G	E	S	FNP-12	HSG-09	SGX25	HTG-24	TEXS44	SB41
16RFS	16G	-	S	FNP-16	HSG-11	SGX32	HTG-30	TEXS47	SB48

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

MegaTech® 500 High-Temp Oil-Air Return

High Temp
149°C

Fleet Applications

Recommended For: Air brake hose, pressurised hot oil return lines and rotary oil/air compressor lines.
Standards: Meets the requirements of SAE J1405 performance specifications for high temperature transmission and lubrication oil systems using petroleum base oils. Not recommended for gasoline or diesel fuel applications.



Tube: GTS (Gates Technical Spec.) black tube specifically compounded for temperature and chemical resistance (CPE - Type J).
See *Characteristics Of Hose Stock Types*.
Reinforcement: One braid of high-tensile steel wire.
Cover: Oil- and mildew-resistant textile braid impregnated with synthetic rubber.
See *Characteristics Of Hose Stock Types*.
Temperature Range: Petroleum-based fluids: -40°F to +300°F (-40°C to +149°C).
Phosphate ester fluids as recommended by the fluid manufacturer but within range of -40°F to +212°F (-40°C to +100°C).
For water emulsions see *Additional Temperature Limits For Gates Hydraulic Hose.*

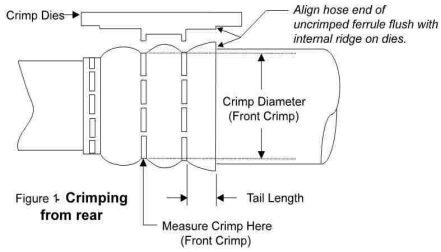


Figure 1 **Crimping from rear**

Refer www.southcott.com.au for current crimp specifications

Hose Specifications

Part Number												Length (m)
Standard	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Reel
24MegaTech500	24	1-1/2	38	1.95	49.5	500	34	2,000	137	15.0	381	30
32MegaTech500	32	2	51	2.48	63.0	500	34	2,000	137	18.0	457	30
40MegaTech500	40	2-1/2	63	2.97	75.4	500	34	2,000	137	22.0	558	30
48MegaTech500	48	3	75	3.50	88.9	500	34	2,000	137	24.0	609	30

Additional Product

Hose Type	Couplings and Ferrules					Associated Protective Product				
Standard	Gates			Child		Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps
	1 Piece Series	2 Piece Series Coupling	2 Piece Series Ferrule	2 Piece Series Coupling	2 Piece Series Ferrule					
24MegaTech500	24GL	24GSP	24GSP1F-2	S	FNP-24	HSG-14	SGX63	HTG-36	TEXS60	SB60
32MegaTech500	32GL	32GSP	32GSP1F-2	S	FNP-32	HSG-15A	SGX75	HTG-44	TEXS73	SB73
40MegaTech500	40GL					-	SGX79	HTG-64	TEXS85	SB79
48MegaTech500	48GL	-	-	-	-	-	SGX91	HTG-64	TEXS93	-

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

C5C Hydraulic Hose - SAE 100R5

DOT FMVSS 106-74 Type All & SAE J1402 Type All for Air Brake Applications (-4 to -12)



Recommended For: Medium pressure hydraulic petroleum based oil lines in impulse applications, lube oil, air and water in applications such as air brakes, power steering (caution: intended for heavy duty commercial vehicle use only), turbocharger oil supplies, tilt cab cylinders, transmission coolant and filtration lines.
Standards: Meets or exceeds requirements of SAE 100R5 for traditional hydraulic applications, DOT FMVSS 106-74 Type All and SAE J1402 Type All for air brake applications (-4 to -12). Not recommended for gasoline or diesel fuel.

Tube: Black, oil- and heat-resistant synthetic rubber (Neoprene - Type A) (-4 and -5), (Nitrile - Type C) (-6 through -40).
See *Characteristics Of Hose Stock Types*.
Reinforcement: One braid of high-tensile carbon steel wire over one braid of polyester.
Cover: Black, oil- and mildew-resistant polyester braid.
See *Characteristics Of Hose Stock Types*.
Temperature Range: Under SAE 100R5 (hydraulic) conditions -40°F to +212°F (-40°C to +100°C). All-purpose fleet application (hot lube oil lines) -40°F to +300°F (-40°C to +149°C). Air to +160°F (+71°C) only. Avoid continuous use at maximum temperature concurrent with maximum working pressure.
For water emulsions see *Additional Temperature Limits For Gates Hydraulic Hose.*

Refer www.southcott.com.au for current crimp specifications.

Hose Specifications

Part Number												Length (m)
Standard	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Reel
4C5C	4	3/16	5	0.52	13.2	3,000	206	12,000	827	3.0	76	134
5C5C	5	1/4	6	0.58	14.7	3,000	206	12,000	827	3.4	86	117
6C5C	6	5/16	8	0.67	17.0	2,250	155	10,000	689	4.0	101	117
8C5C	8	13/32	10	0.77	19.6	2,000	137	8,000	551	4.6	116	100
10C5C	10	1/2	12	0.92	23.4	1,750	120	7,000	482	5.5	139	83
12C5C	12	5/8	16	1.08	27.4	1,500	103	6,000	413	6.5	165	67
16C5C	16	7/8	22	1.23	31.2	800	55	3,200	220	7.4	187	50

Additional Product

Hose Type	Couplings and Ferrules			Associated Protective Product						
Standard	Gates	Child		Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps	Life Guard	Life Guard Collar
	Field Fit Series	2 Piece Series								
		Coupling	Ferrule							
4C5C	4C5	P	FSP-204	HSG-01	SGX16	HTG-13	TEXS17	SB19	14LG3K	6SC4
5C5C	5C5X	S	FSP-204	HSG-02	SGX16	HTG-15	TEXS20	SB22	14LG3K	6SC4
6C5C	6C5	S	FSP-206A	HSG-03	SGX20	HTG-18	TEXS20	SB25	16LG3K	6SC4
8C5C	8C5X	S	FNP-06	HSG-04	SGX20	HTG-20	TEXS23	SB25	20LG3K	8SC4
10C5C	10C5	S	FSP-210	HSG-06	SGX25	HTG-22	TEXS27	SB29	22LG3K	10SC4
12C5C	12C5X	S	FNP-12	HSG-08	SGX32	HTG-24	TEXS33	SB34	26LG3K	12SC4
16C5C	16C5	-	-	HSG-10	SGX32	HTG-26	TEXS44	SB44	32LG3K	16SC4

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

C5C-XH Xtreme® Heat Hose - SAE 100R5

High Temp
150°C

DOT FMVSS 106-74 Type All & SAE J1402 Type All

Recommended For: Extremely high temperature petroleum based or phosphate ester fluids, turbo charger oil supply and hot lube oil lines.
Standards: Meets the requirements of SAE J1405 performance specifications for high temperature transmission and lubrication oil systems.



Tube: Black, oil- and heat-resistant synthetic polymer tube (CPE - Type J)
See *Characteristics Of Hose Stock Types*.
Reinforcement: Braided high-tensile wire and textile.
Cover: Blue, oil- and mildew-resistant polyester/textile braid.
See *Characteristics Of Hose Stock Types*.
Temperature Range: -40°F to +302°F (-40°C to +150°C)

Refer www.southcott.com.au for current crimp specifications.

Hose Specifications

Part Number												Length (m)
Standard	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Reel
5C5CXH	5	1/4	6	0.58	14.7	3,000	206	12,000	827	3.4	86	117
6C5CXH	6	5/16	8	0.67	17.0	2,250	155	10,000	689	4.0	101	117
8C5CXH	8	13/32	10	0.77	19.6	2,000	137	8,000	551	4.6	116	100
10C5CXH	10	1/2	12	0.92	23.4	1,750	120	7,000	482	5.5	139	83
12C5CXH	12	5/8	16	1.08	27.4	1,500	103	6,000	413	6.5	165	67
16C5CXH	16	7/8	22	1.23	31.2	800	55	3,200	220	7.4	187	50
20C5CXH	20	1-1/8	28	1.50	38.1	625	43	2,500	172	9.0	229	36

Additional Product

Hose Type	Couplings and Ferrules				Associated Protective Product						
Standard	Gates				Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps	Life Guard	Life Guard Collar
	Field Fit Series	1 Piece Series	2 Piece Series Coupling	2 Piece Series Ferrule							
5C5CXH	5C5X	4G	-	-	HSG-02	SGX16	HTG-15	TEXS20	SB22	14LG3K	6SC4
6C5CXH	6C5	5G	-	-	HSG-03	SGX20	HTG-18	TEXS20	SB25	16LG3K	6SC4
8C5CXH	8C5X	6G	-	-	HSG-04	SGX20	HTG-20	TEXS23	SB25	20LG3K	8SC4
10C5CXH	10C5	-	8GS	8GB1F-PS	HSG-06	SGX25	HTG-22	TEXS27	SB29	22LG3K	10SC4
12C5CXH	12C5X	-	10GS	10GS1F-4	HSG-08	SGX32	HTG-24	TEXS33	SB34	22LG3K	10SC4
16C5CXH	16C5	12G	-	-	HSG-10	SGX32	HTG-26	TEXS44	SB44	26LG3K	16SC4
20C5CXH	20C5	16G	-	-	HSG-11	SGX40	HTG-30	TEXS44	SB44	32LG3K	16SC4

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

C5E High-Temp Flexline Hose

High Temp
149°C

DOT FMVSS 106 Type A1, SAE J1405 & SAE J1402 Type A1 (-4 to -12)

Recommended For: Air brake hose, power steering (caution: intended for heavy duty commercial vehicle use only), engine and transm ission coolant lines and hot (+300°F (+149°C)) lube oil lines. Not recommended for gasoline or diesel fuel.



Tube: Black, oil- and heat-resistant synthetic rubber (Nitrile - Type C)
See *Characteristics Of Hose Stock Types*.
Reinforcement: One braid of high-tensile steel wire over one braid of polyester.
Cover: Black, oil- and heat-resistant textile braid impregnated with synthetic rubber. Green stripe for easy identification.
See *Characteristics Of Hose Stock Types*.
Temperature Range: -40°F to +300°F (-40°C to +149°C). Air +250°F (+121°C) maximum only.
For water emulsions see *Additional Temperature Limits For Gates Hydraulic Hose.*

Refer www.southcott.com.au for current crimp specifications.

Hose Specifications

Part Number												Length (m)
Standard	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Reel
4C5E	4	3/16	5	0.49	12.5	1,500	103	6,000	414	0.8	20	134
5C5E	5	1/4	6	0.55	14.0	1,500	103	6,000	414	1.0	25	117
6C5E	6	5/16	8	0.61	15.5	1,500	103	6,000	414	1.3	33	117
8C5E	8	13/32	10	0.73	18.5	1,250	86	5,000	345	1.8	46	100
10C5E	10	1/2	12	0.83	21.1	1,250	86	5,000	345	2.8	71	83
12C5E	12	5/8	16	0.95	24.1	750	52	3,000	207	3.0	76	67
16C5E	16	7/8	22	1.20	30.48	400	28	1600	110	3.5	89	50

Additional Product

Hose Type	Couplings and Ferrules			Associated Protective Product						
Standard	Gates Field Fit Series	Child 2 Piece Series Coupling	Child 2 Piece Series Ferrule	Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps	Life Guard	Life Guard Collar
4C5E	4C5E	P	FSP-203	HSG-01	SGX16	HTG-13	TEXS17	SB19	14LG3K	6SC4
5C5E	5C5E	S	FSP-204	HSG-02	SGX16	HTG-15	TEXS17	SB19	14LG3K	6SC4
6C5E	6C5E	S	FNP-05	HSG-03	SGX20	HTG-18	TEXS23	SB25	16LG3K	6SC4
8C5E	8C5E	S	FNP-06	HSG-04	SGX20	HTG-20	TEXS23	SB25	20LG3K	8SC4
10C5E	10C5E	S	FSP-208	HSG-06	SGX25	HTG-22	TEXS25	SB29	22LG3K	10SC4
12C5E	12C5E	S	FNP-10	HSG-08	SGX32	HTG-24	TEXS31	SB34	26LG3K	12SC4
16C5E	16C5E	-	-	HSG-09	SGX32	HTG-24	TEXS36	SB34	32LG3K	16SC4

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

G3H High-Temp 2 Fibre Braid Hose - SAE 100R3

High Temp
135°C

Meets Flame Resistance Acceptance Designation MSHA 2G



Recommended For: Hydraulic oil lines, anti-freeze solutions or water.
Standards: Meets or exceeds requirements of SAE 100R3.

Tube: Black synthetic rubber (Nitrile - Type C).
See *Characteristics Of Hose Stock Types*.
Reinforcement: Two fibre braids.
Cover: Black, oil- and abrasion-resistant synthetic rubber (Neoprene - Type A).
See *Characteristics Of Hose Stock Types*.
Temperature Range: For hydraulic oil lines -40°F to +265°F (-40°C to +135°C) constant and +300°F (+149°C) intermitten (up to 10% of operating time).
For water emulsions see *Additional Temperature Limits For Gates Hydraulic Hose.*

Refer www.southcott.com.au for current crimp specifications.

Hose Specifications

Part Number												Length (m)
Standard	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Reel
4G3H	4	1/4	6	0.56	14.2	1,250	86	5,000	345	3.0	76	138
6G3H	6	3/8	10	0.75	19.0	1,125	78	4,500	310	4.0	102	106
8G3H	8	1/2	12	0.94	23.9	1,000	69	4,000	276	5.0	127	68
12G3H	12	3/4	19	1.25	31.8	750	52	3,000	207	6.0	152	48
16G3H	16	1	25	1.50	38.1	565	39	2,260	156	8.0	203	36
20G3H	20	1-1/4	31	1.75	44.5	375	26	1,500	103	10.0	254	36

Additional Product

Hose Type	Couplings and Ferrules			Associated Protective Product						
Standard	Gates 1 Piece Series	Child 2 Piece Series Coupling	Ferrule	Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps	Life Guard	Life Guard Collar
4G3H	4G	S	FSP-204	HSG-02	SGX16	HTG-13	TEXS17	SB19	14LG3K	6SC4
6G3H	6G	S	FSP-206A	HSG-03	SGX20	HTG-18	TEXS20	SB22	14LG3K	6SC4
8G3H	8G	S	FSP-210	HSG-06	SGX25	HTG-20	TEXS27	SB25	16LG3K	6SC4
12G3H	10G	S	FSS-12	HSG-10	SGX32	HTG-26	TEXS36	SB34	20LG3K	8SC4
16G3H	12GLX	S	FSP-216	HSG-12	SGX40	HTG-30	TEXS44	SB48	-	-
20G3H	16GLX	S	FSP-220	HSG-13	SGX50	HTG-34	TEXS53	SB54	-	-

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

TH8 Hydraulic Hose - SAE 100R8

Black Thermoplastic



Recommended For: Petroleum, water base and synthetic hydraulic fluids. Applications include: power and telephone mobile equipment (cherry pickers), lubrication lines, blowout preventer control lines, hydraulic lifts and farm and construction machinery. Multiline available.
Standards: Meets or exceeds performance requirements of SAE 100R8 with a significantly tighter bend radius.

Tube: 100% seamless Nylon - Type Z that easily handles a broad range of hydraulic fluids, including phosphate esters and water glycol.
See *Characteristics Of Hose Stock Types*.
Reinforcement: Polyester.
Cover: Black urethane resists hydraulic fluids, high temperatures, aging and weathering. Black TH8 cover is perforated for use in general hydraulic and pneumatic service.
See *Characteristics Of Hose Stock Types*.
Temperature Range: -65°F to +200°F (-54°C to +93°C) continuous service for petroleum and synthetic oils. Maximum of +158°F (+70°C) for water, water/oil emulsions and water glycol.

Refer www.southcott.com.au for current crimp specifications.

Hose Specifications

Part Number												Length (m)
Standard	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Reel
4TH8	4	1/4	6	0.61	15.5	5,000	345	20,000	1,379	2.0	51	76
6TH8	6	3/8	10	0.75	19.0	4,000	276	16,000	1,103	2.5	64	76
8TH8	8	1/2	12	0.87	22.1	3,500	241	14,000	966	4.0	102	76
12TH8	12	3/4	19	1.13	28.7	2,250	155	9,000	621	6.5	165	60
16TH8	16	1	25	1.45	36.8	2,000	138	8,000	552	10.0	254	60

Additional Product

Hose Type	Couplings and Ferrules	Associated Protective Product						
Standard	Gates 1 Piece Series	Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps	Life Guard	Life Guard Collar
4TH8	4G	HSG-02	SGX16	HTG-18	TEXS17	SB15	14LG5K	6SC4
6TH8	6G	HSG-04	SGX16	HTG-20	TEXS23	SB22	16LG4K	6SC4
8TH8	8G	HSG-06	SGX20	HTG-26	TEXS27	SB25	20LG4K	8SC4
12TH8	12G	HSG-08	SGX25	HTG-30	TEXS40	SB34	26LG3K	12SC4
16TH8	16G	HSG-11	SGX40	HTG-34	TEXS44	SB41	32LG3K	16SC4

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

TH8NC Non-Conductive Hydraulic Hose SAE 100R8

Non-Conductive

Orange Thermoplastic



Recommended For: Petroleum, water base and synthetic hydraulic fluids. Applications include: power and telephone mobile equipment (cherry pickers), lubrication lines, blowout preventer control lines, hydraulic lifts and farm and construction machinery. Multiline available.
Standards: Meets or exceeds performance requirements of SAE 100R8 with a significantly tighter bend radius. Meets SAE 100R8 Electrical Conductivity Test. Maximum leakage shall not exceed 50 microAmperes when subjected to 75 kV/ft for five minutes.

Tube: 100% seamless Nylon - Type Z that easily handles a broad range of hydraulic fluids, including phosphate esters and water glycol.
See *Characteristics Of Hose Stock Types*.
Reinforcement: Polyester.
Cover: Orange urethane resists hydraulic fluids, high temperatures, aging and weathering. TH8NC cover is non-perforated for applications requiring electrical non-conductivity.
See *Characteristics Of Hose Stock Types*.
Temperature Range: -65°F to +200°F (-54°C to +93°C) continuous service for petroleum and synthetic oils. Maximum of +158°F (+70°C) for water, water/oil emulsions and water glycol.

Refer www.southcott.com.au for current crimp specifications.

Hose Specifications

Part Number												Length (m)
Standard	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Reel
4TH8NC	4	1/4	6	0.61	15.5	5,000	345	20,000	1,379	2.0	51	76
6TH8NC	6	3/8	10	0.75	19.0	4,000	276	16,000	1,103	2.5	64	76
8TH8NC	8	1/2	12	0.87	22.1	3,500	241	14,000	966	4.0	102	76

Additional Product

Hose Type	Couplings and Ferrules	Associated Protective Product						
Standard	Gates 1 Piece Series	Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps	Life Guard	Life Guard Collar
4TH8NC	4G	HSG-02	SGX16	HTG-18	TEXS17	SB15	14LG5K	6SC4
6TH8NC	6G	HSG-04	SGX16	HTG-20	TEXS23	SB22	16LG4K	6SC4
8TH8NC	8G	HSG-06	SGX20	HTG-26	TEXS27	SB25	20LG4K	8SC4

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

TH7 Hydraulic Hose - SAE 100R7

Black Thermoplastic



Recommended For: Petroleum, water base and synthetic hydraulic fluids. Applications include: power and telephone mobile equipment (cherry pickers), lubrication lines, blowout preventer control lines, hydraulic lifts and farm and construction machinery.
Standards: Meets or exceeds performance requirements of SAE 100R7 with a significantly tighter bend radius.

Tube: 100% seamless Nylon - Type Z that easily handles a broad range of hydraulic fluids, including phosphate esters and water glycol.
See *Characteristics Of Hose Stock Types*.
Reinforcement: Synthetic fibre.
Cover: Black urethane resists hydraulic fluids, high temperatures, aging and weathering. Black TH7 cover is perforated for use in general hydraulic and pneumatic service.
See *Characteristics Of Hose Stock Types*.
Temperature Range: -65°F to +200°F (-54°C to +93°C) continuous service for petroleum and synthetic oils. Maximum of +158°F (+70°C) for water, water/oil emulsions and water glycol.

Refer www.southcott.com.au for current crimp specifications.

Hose Specifications

Part Number												Length (m)
Standard	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Reel
2TH7	2	1/8	3	0.32	8.1	3,000	207	12,000	828	0.5	13	76
3TH7	3	3/16	5	0.41	10.4	3,000	207	12,000	828	0.8	20	76
4TH7	4	1/4	6	0.50	12.7	2,750	190	11,000	759	1.5	38	76
5TH7	5	5/16	8	0.56	14.2	2,500	172	10,000	689	2.3	57	76
6TH7	6	3/8	10	0.64	16.3	2,250	155	9,000	621	2.8	70	76
8TH7	8	1/2	12	0.80	20.3	2,000	138	8,000	552	3.8	95	76
12TH7	12	3/4	19	1.05	26.7	1,250	86	5,000	345	5.0	127	60
16TH7	16	1	25	1.32	33.6	1,000	69	4,000	276	10.0	254	60

Additional Product

HoseType	Couplings and Ferrules			Associated Protective Product						
Standard	Gates	Child		Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps	Life Guard	Life Guard Collar
	1 Piece Series	2 Piece Series Coupling	Ferrule							
2TH7	2PCTS	-	-	HSG-01	SGX12	HTG-09	TEXS17	SB15	14LG5K	6SC4
3TH7	3PCTS	-	-	HSG-01	SGX16	HTG-11	TEXS17	SB15	14LG5K	6SC4
4TH7	4G	S	FSP-204	HSG-02	SGX16	HTG-13	TEXS17	SB15	14LG5K	6SC4
5TH7	5G	-	-	HSG-03	SGX16	HTG-14	TEXS20	SB22	14LG5K	6SC4
6TH7	6G	S	FSP-206A	HSG-03	SGX16	HTG-20	TEXS23	SB22	16LG4K	6SC4
8TH7	8G	S	FSP-208	HSG-05	SGX20	HTG-26	TEXS27	SB25	20LG4K	8SC4
12TH7	12G	-	-	HSG-08	SGX25	HTG-30	TEXS40	SB34	26LG3K	12SC4
16TH7	16G	-	-	HSG-11	SGX40	HTG-34	TEXS44	SB41	32LG3K	16SC4

TH7NC Hydraulic Hose - SAE 100R7

Non-Conductive

Orange Thermoplastic



Recommended For: Petroleum and synthetic hydraulic fluids. Applications include: power and telephone mobile equipment (cherry pickers), lubrication lines, blowout preventer control lines, hydraulic lifts and farm and construction machinery.
Standards: Meets SAE 100R7 non-conductivity requirements and meets or exceeds performance requirements of SAE 100R7 with a significantly tighter bend radius. Meets ANSI A92.2 for vehicle mounted aerial devices (-4 to -8).

Tube: 100% seamless Nylon - Type Z that easily handles a broad range of hydraulic fluids, including phosphate esters and water glycol (-2, -12 and -16), or Polyester (-3 through -8).
See *Characteristics Of Hose Stock Types*.
Reinforcement: Synthetic fibre (except -2).
Cover: Orange urethane resists hydraulic fluids, high temperatures, aging and weathering. Orange TH7NC cover is non-perforated for applications requiring electrical non-conductivity.
See *Characteristics Of Hose Stock Types*.
Temperature Range: -65°F to +200°F (-54°C to +93°C) continuous service for petroleum and synthetic oils. Maximum of +158°F (+70°C) for water, water/oil emulsions and water glycol.

Refer www.southcott.com.au for current crimp specifications.

Hose Specifications

Part Number												Length (m)
Standard	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Reel
2TH7NC	2	1/8	3	0.32	8.1	3,000	207	12,000	828	0.5	13	76
3TH7NC	3	3/16	5	0.41	10.4	3,000	207	12,000	828	0.8	20	76
4TH7NC	4	1/4	6	0.50	12.7	2,750	190	11,000	759	1.5	38	76
5TH7NC	5	5/16	8	0.56	14.2	2,500	172	10,000	689	2.3	57	76
6TH7NC	6	3/8	10	0.64	16.3	2,250	155	9,000	621	2.8	70	76
8TH7NC	8	1/2	12	0.80	20.3	2,000	138	8,000	552	3.8	95	76
12TH7NC	12	3/4	19	1.05	26.7	1,250	86	5,000	345	5.0	127	60
16TH7NC	16	1	25	1.32	33.6	1,000	69	4,000	276	10.0	254	60

Additional Product

HoseType	Couplings and Ferrules			Associated Protective Product						
Standard	Gates	Child		Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps	Life Guard	Life Guard Collar
	1 Piece Series	2 Piece Series Coupling	Ferrule							
2TH7NC	2PCTS	-	-	HSG-01	SGX12	HTG-09	TEXS17	SB15	14LG5K	6SC4
3TH7NC	3PCTS	-	-	HSG-01	SGX16	HTG-11	TEXS17	SB15	14LG5K	6SC4
4TH7NC	4G	S	FSP-204	HSG-02	SGX16	HTG-13	TEXS17	SB15	14LG5K	6SC4
5TH7NC	5G	-	-	HSG-03	SGX16	HTG-14	TEXS20	SB22	14LG5K	6SC4
6TH7NC	6G	S	FSP-206A	HSG-03	SGX16	HTG-20	TEXS23	SB22	16LG4K	6SC4
8TH7NC	8G	S	FSP-208	HSG-05	SGX20	HTG-26	TEXS27	SB25	20LG4K	8SC4
12TH7NC	12G	-	-	HSG-08	SGX25	HTG-30	TEXS40	SB34	26LG3K	12SC4
16TH7NC	16G	-	-	HSG-11	SGX40	HTG-34	TEXS44	SB41	32LG3K	16SC4

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

TH7DL Dual Line Hydraulic Hose - SAE 100R7

Black Thermoplastic, Twin Line



Recommended For: Petroleum, water base and synthetic hydraulic fluids. Applications include: power and telephone mobile equipment (cherry pickers), lubrication lines, blowout preventer control lines, hydraulic lifts and farm and construction machinery.
Standards: Meets or exceeds performance requirements of SAE 100R7 with a significantly tighter bend radius.

Tube: 100% seamless Nylon - Type Z that easily handles a broad range of hydraulic fluids, including phosphate esters and water glycol.
See *Characteristics Of Hose Stock Types*.
Reinforcement: Synthetic fibre.
Cover: Black urethane resists hydraulic fluids, high temperatures, aging and weathering. Black TH7DL cover is perforated for use in general hydraulic and pneumatic service.
See *Characteristics Of Hose Stock Types*.
Temperature Range: -65°F to +200°F (-54°C to +93°C) continuous service for petroleum and synthetic oils. Maximum of +158°F (+70°C) for water, water/oil emulsions and water glycol.

Refer www.southcott.com.au for current crimp specifications.

Hose Specifications

Part Number												Length (m)
Standard	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Reel
4TH7DL	4	1/4	6	0.50	12.7	2,750	190	11,000	759	1.5	38	76
5TH7DL	5	5/16	8	0.56	14.2	2,500	172	10,000	689	2.3	57	76
6TH7DL	6	3/8	10	0.64	16.2	2,250	155	9,000	621	2.8	70	76
8TH7DL	8	1/2	12	0.80	20.3	2,000	138	8,000	552	3.8	95	76

Additional Product

HoseType	Couplings and Ferrules			Associated Protective Product				
Standard	Gates	Child		Heat Guard	Tex-Sleeve	Shrink Band Clamps	Life Guard	Life Guard Collar
	1 Piece Series	2 Piece Series						
		Coupling	Ferrule					
4TH7DL	4G	S	FSP-204	HTG-22	TEXS31	SB41	26LG3K	-
5TH7DL	5G	-	-	HTG-26	TEXS33	SB41	32LG3K	-
6TH7DL	6G	S	FSP-206A	HTG-30	TEXS36	SB48	32LG3K	-
8TH7DL	8G	S	FSP-208	HTG-36	TEXS44	SB54	-	-

TH7NCDL Non-Conductive Hydraulic Hose SAE 100R7

Non-Conductive

Orange Thermoplastic



Recommended For: Petroleum and synthetic hydraulic fluids. Applications include: power and telephone mobile equipment (cherry pickers), lubrication lines, blowout preventer control lines, hydraulic lifts and farm and construction machinery.
Standards: Meets SAE 100R7 non-conductivity requirements and meets or exceeds performance requirements of SAE 100R7 with a significantly tighter bend radius. Meets ANSI A92.2 for vehicle mounted aerial devices (-4 to -8).

Tube: 100% seamless Nylon - Type Z that easily handles a broad range of hydraulic fluids, including phosphate esters and water glycol (-2, -12 and -16), or Polyester (-3 through -8).
See *Characteristics Of Hose Stock Types*.
Reinforcement: Synthetic fibre (except -2).
Cover: Orange urethane resists hydraulic fluids, high temperatures, aging and weathering. Orange TH7NCDL cover is non-perforated for applications requiring electrical non-conductivity.
See *Characteristics Of Hose Stock Types*.
Temperature Range: -65°F to +200°F (-54°C to +93°C) continuous service for petroleum and synthetic oils. Maximum of +158°F (+70°C) for water, water/oil emulsions and water glycol.

Refer www.southcott.com.au for current crimp specifications.

Hose Specifications

Part Number												Length (m)
Standard	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Reel
4TH7NCDL	4	1/4	6	0.50	12.7	2,750	190	11,000	759	1.5	38	76
6TH7NCDL	6	3/8	10	0.64	16.3	2,250	155	9,000	621	2.8	70	76
8TH7NCDL	8	1/2	12	0.80	20.3	2,000	138	8,000	552	3.8	95	76

Additional Product

HoseType	Couplings and Ferrules			Associated Protective Product				
Standard	Gates 1 Piece Series	Child 2 Piece Series Coupling	Child 2 Piece Series Ferrule	Heat Guard	Tex-Sleeve	Shrink Band Clamps	Life Guard	Life Guard Collar
4TH7NCDL	4G	S	FSP-204	HTG-22	TEXS31	SB41	26LG3K	-
6TH7NCDL	6G	S	FSP-206A	HTG-30	TEXS36	SB48	32LG3K	-
8TH7NCDL	8G	S	FSP-208	HTG-36	TEXS44	SB54	-	-

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

TH18 Constant Pressure Hydraulic Hose - SAE 100R18

Black Thermoplastic

Recommended For: Petroleum and synthetic hydraulic fluids. TH18 is ideal for industrial and agricultural applications exposed to low temperatures or cyclic and quick temperature changes. Remains highly flexible in cold weather conditions.
Standards: Meets or exceeds performance requirements of SAE 100R18 with a significantly tighter bend radius.



Tube: Polyester elastomer.
See *Characteristics Of Hose Stock Types*.
Reinforcement: Synthetic fibre.
Cover: Black urethane resists hydraulic fluids, high temperatures, aging and weathering. Black TH18 cover is perforated for use in general hydraulic and pneumatic service.
See *Characteristics Of Hose Stock Types*.
Temperature Range: -67°F to +212°F (-55°C to +100°C) continuous service for petroleum and synthetic oils. Maximum of +158°F (+70°C) for water, water/oil emulsions and water glycol.

Refer www.southcott.com.au for current crimp specifications.

Hose Specifications

Part Number												Length (m)
Standard	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Reel
4TH18	4	1/4	6	0.48	12.2	3,000	207	12,000	828	1.4	36	76
5TH18	5	5/16	8	0.56	14.2	3,000	207	12,000	828	1.8	46	76
6TH18	6	3/8	10	0.65	16.5	3,000	207	12,000	828	1.8	46	76
8TH18	8	1/2	12	0.89	22.6	3,000	207	12,000	828	2.8	71	76
10TH18	10	5/8	16	1.03	26.2	3,000	207	12,000	828	3.9	99	76

Additional Product

Hose Type	Couplings and Ferrules	Associated Protective Product						
Standard	Gates 1 Piece Series	Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps	Life Guard	Life Guard Collar
4TH18	4G	HSG-02	SGX16	HTG-14	TEXS20	SB19	14LG3K	6SC4
5TH18	5G	HSG-02	SGX16	HTG-15	TEXS23	SB22	14LG3K	6SC4
6TH18	6G	HSG-03	SGX16	HTG-16	TEXS25	SB25	16LG3K	6SC4
8TH18	8G	HSG-06	SGX20	HTG-20	TEXS31	SB29	20LG3K	8SC4
10TH18	10G	HSG-08	SGX25	HTG-22	TEXS36	SB34	22LG3K	10SC4

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

TH18NC Constant Pressure Non-Conductive Hydraulic Hose - SAE 100R18

Non-Conductive

Orange Thermoplastic



Recommended For: Petroleum and synthetic hydraulic fluids. TH18NC non-conductive hose is suitable for use in high-voltage applications. Remains highly flexible in cold weather conditions.
Standards: Meets or exceeds performance requirements of SAE 100R18 with a significantly tighter bend radius. Meets SAE 100R18 Electrical Conductivity Test. Maximum leakage shall not exceed 50 microAmperes when subjected to 75kV/ft for five minutes.

Tube: Polyester elastomer.
See *Characteristics Of Hose Stock Types*.
Reinforcement: Synthetic fibre.
Cover: Special orange urethane resists hydraulic fluids, high temperatures, aging and weathering. Orange TH18NC cover is non-perforated for applications requiring electrical non-conductivity.
See *Characteristics Of Hose Stock Types*.
Temperature Range: -67°F to +212°F (-55°C to +100°C) continuous service for petroleum and synthetic oils. Maximum of +158°F (+70°C) for water, water/oil emulsions and water glycol.

Refer www.southcott.com.au for current crimp specifications.

Hose Specifications

Part Number												Length (m)
Standard	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Reel
4TH18NC	4	1/4	6	0.48	12.2	3,000	207	12,000	828	1.4	36	76
5TH18NC	5	5/16	8	0.56	14.2	3,000	207	12,000	828	1.8	46	76
6TH18NC	6	3/8	10	0.65	16.5	3,000	207	12,000	828	1.8	46	76
8TH18NC	8	1/2	12	0.89	22.6	3,000	207	12,000	828	2.8	71	76
10TH18NC	10	5/8	16	1.03	26.2	3,000	207	12,000	828	3.9	99	76

Additional Product

Hose Type	Couplings and Ferrules	Associated Protective Product						
Standard	Gates 1 Piece Series	Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps	Life Guard	Life Guard Collar
4TH18NC	4G	HSG-02	SGX16	HTG-14	TEXS20	SB19	14LG3K	6SC4
5TH18NC	5G	HSG-02	SGX16	HTG-15	TEXS23	SB22	14LG3K	6SC4
6TH18NC	6G	HSG-03	SGX16	HTG-16	TEXS25	SB25	16LG3K	6SC4
8TH18NC	8G	HSG-06	SGX20	HTG-20	TEXS31	SB29	20LG3K	8SC4
10TH18NC	10G	HSG-08	SGX25	HTG-22	TEXS36	SB34	22LG3K	10SC4

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

MultiMaster™ GMV Megaflex®

Return Line/Suction, Fuel Transfer, Coolant Applications

High Temp
121°C

MSHA-approved cover for critical and mining applications



Recommended For: Applications requiring excellent flexibility and maximum resistance tc lubricating oils and refined fuels.
Standards: J30R5, SAE 100R4, J20R5
Tube: Black, Nitrile (Type C), oil resistant, ARPM Class A tube.
Reinforcement: Synthetic high tensile textile with steel wire helix.
Cover: Black chloroprene corrugated rubber.
Temperature Range: -40°F to +250°F (-40°C to +121°C)
Refer www.southcott.com.au for current crimp specifications.

Hose Specifications

Part Number										
										Length (m)
Standard	Dash	Inch	DN	Inch	mm	PSI	Bar	Inch	mm	Reel/Ctn
12MULTIMASTER-GMV-MEGA	12	3/4	19	1.20	30.1	350	24.1	0.8	20	30
16MULTIMASTER-GMV-MEGA	16	1	25	1.41	35.8	300	20.7	1.0	25	30
20MULTIMASTER-GMV-MEGA	20	1-1/4	32	1.66	42.2	250	17.2	1.3	33	30
24MULTIMASTER-GMV-MEGA	24	1-1/2	38	1.90	48.3	150	10.3	1.5	38	30
32MULTIMASTER-GMV-MEGA	32	2	51	2.39	60.7	150	10.3	2.0	51	30
40MULTIMASTER-GMV-MEGA	40	2-1/2	63	2.94	74.7	150	10.3	2.5	64	30

Also available in 3", 4" and 6"

Hose Couplings & Additional Product

Hose Type	Couplings and Ferrules						Associated Protective Product					
Standard	Gates				Child		Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps	Hose Clamp
	1 Piece Series	1 Piece Series	2 Piece Series		2 Piece Series							
			Coupling	Ferrule	Coupling	Ferrule						
12MULTIMASTER-GMV-MEGA	-	12GL	-	-	S	FSS-12	HSG-09	SGX32	HTG-26	TEXS36	SB34	TTBY29-31P
16MULTIMASTER-GMV-MEGA	16G	16GL	-	-	S	FSP-216	HSG-11	SGX40	HTG-32	TEXS44	SB34	TTBY34-37P
20MULTIMASTER-GMV-MEGA	20G	20GL	-	-	S	FSP-220	HSG-13	SGX50	HTG-34	TEXS53	SB48	TTBY40-43P
24MULTIMASTER-GMV-MEGA	-	24GL	24GSP	24GSP1F-2	S	FSP-424	HSG-14	SGX50	HTG-38	TEXS60	SB54	TTBY46-49P
32MULTIMASTER-GMV-MEGA	-	32GL	32GSP	32GSP1F-2	S	FSP-432	HSG-15A	SGX63	HTG-56	TEXS73	SB67	TTBY58-61P
40MULTIMASTER-GMV-MEGA	-	40GL	-	-	-	-	HSG-16	SGX90	HTG-64	TEXS85	SB73	TTBY71-76P

Beaded Product

Hose Type	Child Beaded Couplings (use clamps)				
Standard	BSPT Male/Female	BSPP Male/Female	NPT Male/Female	Metric Male/Female	SAE O-Ring Boss Male/Female
12MULTIMASTER-GMV-MEGA	CB4, CB5, CB41, CB60	CP4, CR4, CB5, CP60	CN4, CN41	-	C5, C41, C60
16MULTIMASTER-GMV-MEGA	CB4, CB5, CB41, CB60	CP4, CR4, CB5, CP60	CN4, CN41	CM4	C5, C41, C60
20MULTIMASTER-GMV-MEGA	CB4, CB5, CB41, CB60	CP4, CR4, CB5, CP60	CN4, CN41	CM4	C5, C41, C60
24MULTIMASTER-GMV-MEGA	CB4, CB41, CB60	CP4, CR4, CP60	CN4, CN60	CM4	C5, C41, C60
32MULTIMASTER-GMV-MEGA	CB4, CB60	CP4	CN4	-	-
40MULTIMASTER-GMV-MEGA	CB4	-	-	-	-

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

RLA 1-Fibre Braid Return Line & Low Pressure Hose

Meets Flame Resistance Acceptance Designation MSHA 2G

Recommended For: Low-pressure hydraulic oil return lines for general purpose water, glycol antifreeze solutions, conveying diesel fuel, gasoline or air.
Standards: Meets SAE 30R2 performance requirements of both Type 1 and Type 2 for fuel and B20 constant contact up to 125°F (51°C) biodiesel fuel transfer applications.



Tube: Black oil resistant synthetic rubber (Nitrile - Type C).
See *Characteristics Of Hose Stock Types*.
Reinforcement: One fibre braid (-3 to -10). Spiral braid (-12 to -16).
Cover: Black synthetic rubber. Oil and abrasion resistant (modified Nitrile - Type C2).
See *Characteristics Of Hose Stock Types*.
Temperature Range: -40°F to +212°F (-40°C to +100°C). Air to +160°F (+71°C) only.
For water emulsions see *Additional Temperature Limits For Gates Hydraulic Hose.*

Refer www.southcott.com.au for current crimp specifications.

Hose Specifications

Part Number												Length (m)
Standard	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Reel
3RLA	3	3/16	5	0.41	10.4	250	17	1,000	69	3.0	76	168
4RLA	4	1/4	6	0.50	12.7	250	17	1,000	69	3.0	76	168
5RLA	5	5/16	8	0.56	14.2	250	17	1,000	69	4.0	102	168
6RLA	6	3/8	10	0.66	16.8	250	17	1,000	69	4.0	102	168
8RLA	8	1/2	12	0.81	20.6	200	14	800	55	5.0	127	168
10RLA	10	5/8	16	0.94	23.9	200	14	800	55	6.0	152	168
12RLA	12	3/4	19	1.09	27.7	200	14	800	55	6.0	152	168
16RLA	16	1	25	1.34	34.0	160	11	640	44	8.0	203	122

Additional Product

HoseType	Couplings and Ferrules			Associated Protective Product							
Standard	Gates	Child		Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps	Life Guard	Life Guard Collar	Hose Clamp
	1 Piece Series	2 Piece Series Coupling	Ferrule								
3RLA	-	S	FSP-203	HSG-01	SGX16	HTG-12	TEXS17	SB19	14LG3K	6SC4	MH004
4RLA	4G	S	FSP-204	HSG-01	SGX16	HTG-13	TEXS20	SB22	14LG3K	6SC4	MH004
5RLA	5G	S	FSP-205	HSG-02	SGX20	HTG-15	TEXS20	SB25	14LG3K	6SC4	MH004
6RLA	6G	S	FSP-206A	HSG-03	SGX20	HTG-18	TEXS23	SB25	14LG3K	6SC4	HS006
8RLA	8G	S	FSP-208	HSG-05	SGX25	HTG-20	TEXS27	SB34	16LG3K	6SC4	HS008
10RLA	10G	S	FSP-212	HSG-07	SGX32	HTG-20	TEXS31	SB34	20LG3K	8SC4	HS012
12RLA	12G	S	FSS-12	HSG-09	SGX32	HTG-24	TEXS36	SB41	26LG3K	12SC4	HS012
16RLA	16G	S	FSS-16	HSG-11	SGX40	HTG-28	TEXS44	SB48	32LG3K	16SC4	HS016

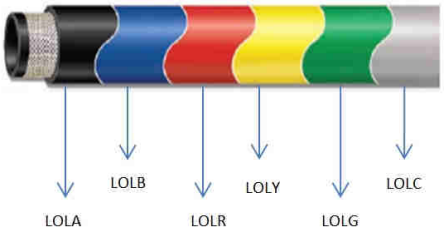
Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

LOL+ Lock-On Hose

*NOTE: being superseded by "Plant Master Xtreme 300 Lock-on Braid"

Meets Flame Resistance Acceptance Designation MSHA 2G (Black Cover Only)





Recommended For: Petroleum-base hydraulic oils, water, glycol antifreeze solutions, engine lubricating oils and air. Lock-On hose and couplings are NOT recommended for pressure surge applications or critical applications such as permanent piping in residential or commercial buildings. Do not use for gasoline or diesel fuels unless approved by Gates H/C Product Application.

Tube: Black oil resistant synthetic rubber (Nitrile - Type C), highly resistant to oil and heat.
See *Characteristics Of Hose Stock Types*.
Reinforcement: One fibre braid.
Cover: Oil- and abrasion-resistant synthetic rubber (Modified Nitrile - Type C2).
See *Characteristics Of Hose Stock Types*.
Available In: Black (LOLA), blue (LOLB), green (LOLG), red (LOLR), yellow (LOLY) and grey (LOLC) colours. Only black cover meets MSHA.
Temperature Range: -40°F to +212°F (-40°C to +100°C). Air to +160°F (+71°C) only.
For water emulsions see *Additional Temperature Limits For Gates Hydraulic Hose.*

Refer www.southcott.com.au for current crimp specifications.

Hose Specifications

Part Number												Length (m)
Standard	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Reel
3LOLA	3	3/16	5	0.41	10.4	300	21	1,200	83	3.0	76	91
4LOLA	4	1/4	6	0.47	11.9	300	21	1,200	83	3.0	76	145
5LOLA	5	5/16	8	0.55	14.0	300	21	1,200	83	3.0	76	91
6LOLA	6	3/8	10	0.63	16.0	300	21	1,200	83	3.0	46	91
8LOLA	8	1/2	12	0.77	19.6	300	21	1,200	83	5.0	127	91
10LOLA	10	5/8	16	0.94	23.9	300	21	1,200	83	6.0	152	76
12LOLA	12	3/4	19	1.06	26.9	300	21	1,200	83	7.0	178	68

Additional Product

HoseType	Couplings			Associated Protective Product							
Standard	Gates		Child	Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps	Life Guard	Life Guard Collar	Hose Clamp
	1 Piece GLP	LOC ON	Push Lock								
3LOLA	-	-	-	HSG-01	SGX16	HTG-12	TEXS17	SB19	14LG3K	6SC4	MH004
4LOLA	4GLP	4LOC	L	HSG-01	SGX16	HTG-13	TEXS20	SB22	14LG3K	6SC4	MH004
5LOLA	-	5LOC	L	HSG-02	SGX20	HTG-15	TEXS20	SB25	14LG3K	6SC4	MH004
6LOLA	6GLP	6LOC	L	HSG-03	SGX20	HTG-18	TEXS23	SB25	14LG3K	6SC4	HS006
8LOLA	8GLP	8LOC	L	HSG-05	SGX25	HTG-20	TEXS27	SB34	16LG3K	6SC4	HS008
10LOLA	10GLP	10LOC	L	HSG-07	SGX32	HTG-20	TEXS31	SB34	20LG3K	8SC4	HS012
12LOLA	12GLP	12LOC	L	HSG-09	SGX32	HTG-24	TEXS36	SB41	26LG3K	12SC4	HS012

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

LOC 1-Fibre Braid Lock-On Hose



Recommended For: Petroleum-base hydraulic oils, water, glycol antifreeze solutions, engine lubricating oils and air. Lock-On hose and couplings are NOT recommended for pressure surge applications or critical applications such as permanent piping in residential or commercial buildings. Do not use for gasoline or diesel fuels unless approved by Gates H/C Product Application.
Standards: Meets SAE 30R2, SAE 30R6 and SAE 30R7 performance requirements for fuel and B20 biodiesel fuel transfer applications up to +125°F (51.6°C).

Tube: Black oil resistant synthetic rubber (Nitrile - Type C).
See *Characteristics Of Hose Stock Types*.
Reinforcement: One fibre braid.
Cover: Oil- and mildew-resistant textile braid impregnated with synthetic rubber.
See *Characteristics Of Hose Stock Types*.
Temperature Range: -40°F to +250°F (-40°C to +121°C).
Air -40°F to +160°F (-40°C to +71°C).
For water emulsions see *Additional Temperature Limits For Gates Hydraulic Hose.*

Refer www.southcott.com.au for current crimp specifications.

Hose Specifications

Part Number												Length (m)
Standard	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Reel
4LOC	4	1/4	6	0.52	13.2	300	21	1,200	83	3.0	76	91
6LOC	6	3/8	10	0.64	16.3	300	21	1,200	83	3.0	76	91
8LOC	8	1/2	12	0.80	20.3	300	21	1,200	83	5.0	127	91
10LOC	10	5/8	16	0.90	22.9	300	21	1,200	83	6.0	152	76
12LOC	12	3/4	19	1.00	25.4	300	21	1,200	83	7.0	178	68

Additional Product

HoseType	Couplings			Associated Protective Product							
Standard	Gates		Child	Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps	Life Guard	Life Guard Collar	Hose Clamp
	1 Piece GLP	LOC ON	Push Lock								
4LOC	4GLP	4LOC	L	HSG-02	SGX16	HTG-13	TEXS20	SB22	14LG3K	6SC4	MH004
6LOC	6GLP	6LOC	L	HSG-02	SGX20	HTG-15	TEXS23	SB25	14LG3K	6SC4	HS006
8LOC	8GLP	8LOC	L	HSG-05	SGX20	HTG-18	TEXS27	SB34	16LG3K	6SC4	HS008
10LOC	10GLP	10LOC	L	HSG-07	SGX25	HTG-20	TEXS31	SB34	20LG3K	8SC4	HS012
12LOC	12GLP	12LOC	L	HSG-09	SGX25	HTG-22	TEXS36	SB41	26LG3K	12SC4	HS012

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

PolarSeal® Refrigerant Hose

SAE J51 Type A2 Dimensions; SAE J51 Type D Performance; SAE J2064 Type C Class II



Recommended For: Liquid and gaseous R134a and R12 refrigerants in automotive air conditioning and industrial systems ie tractors, construction trucks, mobile and stationary refrigeration units. Designed to minimise permation of R134a refrigerant.
Standards: Meets SAE 30R2, SAE 30R6 and SAE 30R7 performance requirements for fuel and B20 biodiesel fuel transfer applications up to +125°F (51.6°C).

Tube: Black synthetic rubber (Chloroprene - Type A).
See *Characteristics Of Hose Stock Types*.
Reinforcement: Two layers of spiral polyester.
Cover: Black synthetic rubber (EPDM).
See *Characteristics Of Hose Stock Types*.
Temperature Range: -22°F to +257°F (-30°C to +125°C).
Barrier: Nylon liner.

Refer www.southcott.com.au for current crimp specifications.

Hose Specifications

Part Number												Length (m)
Standard	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Reel
6AC134A	6	5/16	10	0.74	18.8	500	34	2,000	138	2.0	46	103
8AC134A	8	13/32	12	0.91	23.1	500	34	2,000	138	3.0	76	71
10AC134A	10	1/2	16	1.00	25.4	500	34	2,000	138	4.0	102	64
12AC134A	12	5/8	19	1.13	28.7	500	34	2,000	138	5.0	127	53

Additional Product

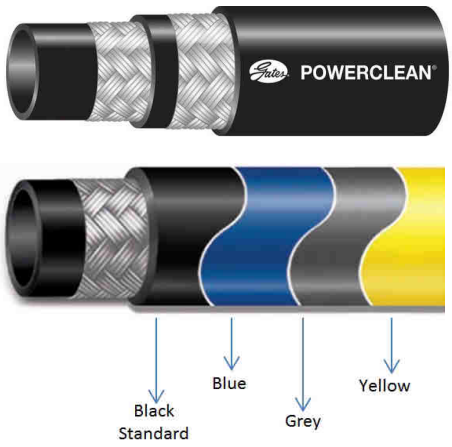
HoseType	Couplings	Associated Protective Product				
Standard	Gates 1 Piece ACA	Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps
6AC134A	6ACA	HSG-05	SGX20	HTG-15	TEXS20	SB22
8AC134A	8ACA	HSG-05	SGX25	HTG-20	TEXS25	SB25
10AC134A	10ACA	HSG-07	SGX25	HTG-22	TEXS27	SB29
12AC134A	12ACA	HSG-09	SGX32	HTG-24	TEXS31	SB34

PowerClean™ - 1 & 2 Wire Water Pressure Wash Hose

Specification

- 1 Wire: 4657, PB, PG, PY, KK, KB, KG, KY

- 2 Wire: 4657F, XB, XG, XY



Recommended For: High pressure cleaning hose for water clean up applications at food handling and processing operations, meat and poultry plants, creameries, paper mills and other facilities. NOT recommended for steam service.

Tube: Black Nitrile (Type C) specially compounded to handle high pressure water service.
See *Characteristics Of Hose Stock Types*.
Reinforcement: High tensile steel one or two wire braid.
Cover: Modified Nitrile (Type C2) specially compounded to handle pressure washer environment. Available in black (standard), blue, grey and yellow (blue, grey and yellow covers are non-marking and subject to availability).
See *Characteristics Of Hose Stock Types*.
Temperature Range: -40°F to +250°F (-40°C to +121°C).
Air -40°F to +160°F (-40°C to +71°C).
For water emulsions see *Additional Temperature Limits For Gates Hydraulic Hose.*

Refer www.southcott.com.au for current crimp specifications.

Hose Specifications

Part Number										Number of braids	Length (m)
Standard	Dash	Inch	DN	Inch	mm	PSI	Bar	Inch	mm		Reel
4PC3500-BLACK	4	1/4	6	0.53	13.5	3,500	241	4.0	101	1 wire	91
4PC6000-BLACK	4	1/4	6	0.59	15.0	6,000	414	4.0	101	2 wire	91
6PC3000-BLACK	6	3/8	10	0.68	17.3	3,000	207	5.0	127	1 wire	91
6PC3000-BLUE	6	3/8	10	0.68	17.3	3,000	207	5.0	127	1 wire	91
6PC5000-BLACK	6	3/8	10	0.74	18.8	5,000	345	5.0	127	2 wire	91
6PC5000-BLUE	6	3/8	10	0.74	18.8	5,000	345	5.0	127	2 wire	91

Additional Product

HoseType	Couplings and Ferrules			Associated Protective Product				
Standard	Gates	Child		Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps
	1 Piece Series	2 Piece Series Coupling	Ferrule					
4PC3500-BLACK	4G	S	FNP-04	HSG-02	SGX16	HTG-14	TEXS20	SB15
4PC6000-BLACK	4G	S	FNP-04	HSG-02	SGX16	HTG-14	TEXS20	SB15
6PC3000-BLACK	6G	S	FNP-06	HSG-03	SGX20	HTG-16	TEXS23	SB19
6PC3000-BLUE	6G	S	FNP-06	HSG-03	SGX20	HTG-16	TEXS23	SB19
6PC5000-BLACK	6G	S	FNP-06	HSG-04	SGX20	HTG-18	TEXS23	SB19
6PC5000-BLUE	6G	S	FNP-06	HSG-04	SGX20	HTG-18	TEXS23	SB19

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

C5M Marine Fuel Line Hose

Meets Flame Resistance Acceptance Designation MSHA 2G

Recommended For: All commercial and recreational vessel fuel line applications. Suitable for marine diesel, gasoline, B100 bio diesel, gasahol fuels and hot oil applications.



Tube: Nitrile - Type C
See *Characteristics Of Hose Stock Types*.
Reinforcement: One wire braid.
Cover: Modified Nitrile - Type C2. Blue.
See *Characteristics Of Hose Stock Types*.
Temperature Range: -4°F to +212°F (-20°C to +100°C) continuous service

Refer www.southcott.com.au for current crimp specifications.

Hose Specifications

Part Number												Length (m)
Standard	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Reel
6C5M	6	5/16	8	0.67	17.0	500	34	2,000	138	1.3	33	117
8C5M	8	13/32	10	0.77	19.6	500	34	2,000	138	1.8	46	100
10C5M	10	1/2	12	0.92	23.4	500	34	2,000	138	2.3	58	83
12C5M	12	5/8	16	1.08	27.4	500	34	2,000	138	2.8	71	67

Additional Product

Hose Type	Couplings and Ferrules	Associated Protective Product						
Standard	Gates Field Fit Series	Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps	Life Guard	Life Guard Collar
6C5M	6C5	HSG-03	SGX20	HTG-18	TEXS20	SB25	16LG3K	6SC4
8C5M	8C5X	HSG-04	SGX20	HTG-20	TEXS23	SB25	20LG3K	8SC4
10C5M	10C5	HSG-06	SGX25	HTG-22	TEXS27	SB29	22LG3K	10SC4
12C5M	12C5X	HSG-08	SGX32	HTG-24	TEXS33	SB34	26LG3K	12SC4

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

C5D High-Temp Multi-Fluid Hose

High Temp
149°C

DOT FMVSS 106-74 Type All & SAE J1402 Type All (-4 to -12)



Recommended For: Petroleum-baseof phosphate ester fluids, diesel fluids and filtration lines, transmission coolant lines, hot lube oil lines, power steering (caution: intended for heavy-duty commercial vehicle use only), gasoline and turbocharger oil supplies. Tilt cab cylinder and air brakes.
Standards: C5D (-4 to -12) meets or exceeds DOT FMVSS 106-74 Type All, SAE J1402 Type All and SAE J1405 and fuel resistance of SAE J30R2. Not approved for bio diesel.

Tube: Black, oil- and heat-resistant synthetic rubber (CPE - Type J)
See *Characteristics Of Hose Stock Types*.
Reinforcement: One braid of high-tensile steel wire over one braid of polyester.
Cover: Green for easy identification, oil- and mildew-resistant polyester braid impregnated with synthetic rubber.
See *Characteristics Of Hose Stock Types*.
Temperature Range: -40°F to +300°F (-40°C to +149°C). Air to +250°F (+121°C) only. Maximum phosphate esters to +212°F (+100°C).
For water emulsions see *Additional Temperature Limits For Gates Hydraulic Hose.*

Refer www.southcott.com.au for current crimp specifications.

Hose Specifications

Part Number												Length (m)
Standard	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Reel
4C5D	4	3/16	5	0.52	13.2	1,500	103	6,000	414	1.0	25	134
5C5D	5	1/4	6	0.58	14.7	1,500	103	6,000	414	1.5	38	117
6C5D	6	5/16	8	0.67	17.0	1,500	103	6,000	414	1.8	46	117
8C5D	8	13/32	10	0.77	19.6	1,250	86	5,000	345	2.0	51	100
10C5D	10	1/2	12	0.92	23.4	1,250	86	5,000	345	2.0	51	83
12C5D	12	5/8	16	1.08	27.4	750	52	3,000	207	2.3	58	67
16C5D	16	7/8	22	1.23	31.2	400	27	1,600	110	3.5	89	50

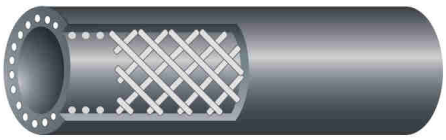
Additional Product

Hose Type	Couplings and Ferrules	Associated Protective Product						
Standard	Gates Field Fit Series	Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps	Life Guard	Life Guard Collar
4C5D	4C5	HSG-01	SGX16	HTG-13	TEXS17	SB19	14LG3K	6SC4
5C5D	5C5X	HSG-02	SGX16	HTG-15	TEXS20	SB22	14LG3K	6SC4
6C5D	6C5	HSG-03	SGX20	HTG-18	TEXS20	SB25	16LG3K	6SC4
8C5D	8C5X	HSG-04	SGX20	HTG-20	TEXS23	SB25	20LG3K	8SC4
10C5D	10C5	HSG-06	SGX25	HTG-22	TEXS27	SB29	22LG3K	10SC4
12C5D	12C5X	HSG-08	SGX32	HTG-24	TEXS33	SB34	26LG3K	12SC4
16C5D	16C5	HSG-10	SGX32	HTG-26	TEXS44	SB44	32LG3K	16SC4

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

Gates Safety Stripe II
Fuel Line/PCV/Evaporative Emission Control Hose

Specification: SAE 30R6 & 30R7



Recommended For: Multi-purpose hose for use on fuel lines, PCV and EEC systems and for fuel return hose connections on diesel fuel injection systems. Approved for use with leaded and unleaded gasoline, diesel and gasoline blends of ethanol, methanol and ethers (up to the legal limits allowed by the EPA).
Warning: Do not use for pressure lines on fuel injection engines or for cooling system applications. Use Multi-Port Injection (MPI) hose for fuel injection applications.
Tube: Nitrile.
Reinforcement: Reinforced construction.
Cover: Modified Nitrile. Oil resistant cover resists the effects of high heat and ozone found in engine compartments.
Temperature Range: -40°F to +257°F (-40°C to +125°C).

Hose Specifications

Part Number	⊖					Suction		Length (m)
Standard	Dash	Inch	DN	PSI	Bar	in Hg	mm Hg	Reel
27001	3	3/16	5	50	3.4	24	609	7.6
27002	4	1/4	6	50	3.4	24	609	7.6
27003	5	5/16	8	50	3.4	24	609	7.6
27004	6	3/8	10	50	3.4	24	609	7.6
27006	8	1/2	12	35	2.4	10	254	7.6

Gates 4219G
Fuel Line/Tank Vent/Evaporative Emission Control Hose

Specification: Exceeds SAE 30R6 & 30R7



Recommended For: Fuel line applications to provide flexible connections between rigid fuel distribution lines and the engine. Also for use in evaporative emission control systems as a vent line.
Warning: Not recommended for fuel injection systems.
Tube: Black Nitrile (Type C). Oil, petrol and gasohol resistant.
Reinforcement: Single ply of synthetic fibre.
Cover: Type C2 (NBR/PVC). Black. Fuel, ozone and high temperature resistant.
Temperature Range: -40°F to +257°F (-40°C to +125°C).

Hose Specifications

Part Number	⊖					Suction		Length (m)
Standard	Dash	Inch	DN	PSI	Bar	in Hg	mm Hg	Reel
4219-0103	4	1/4	6	50	3.4	24	609	198
4219-0107	5	5/16	8	50	3.4	24	609	198
4219-0109	6	3/8	10	50	3.4	24	609	198
4219-0102	8	1/2	12	35	2.4	10	254	182

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

Gates PS-188 Power Steering Hose

Specification: SAE J2050



Recommended For: Power steering pressure lines. Designed to meet requirements of SAE J2050 specifications.
Tube: Synthetic rubber specially compounded to provide resistance to high temperatures and power steering fluids (Hypalon - Type M).
Reinforcement: Two high strength nylon braids that resist high temperatures and allow for expansion for system noise dampening.
Cover: Black synthetic rubber developed specifically to resist under hood environment (Hypalon).
Temperature Range: -40°F to +300°F (-40°C to +150°C).

Hose Specifications

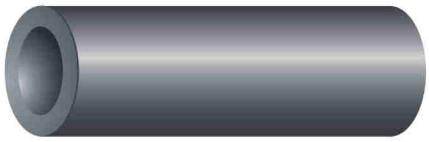
Part Number												Length (m)
Standard	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Reel
6PS-188	6	3/8	10	0.71	18.0	1,500	103	6,000	414	3.2	83	15.2

Additional Product

Standard	Couplings & Ferrules		Associated Protective Product						
	Child		Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps	Life Guard	Lilfe Guard Collar
	2 Piece Series								
6PS-188	S	FSP-206A	-	-	-	-	-	-	-

Gates Windshield Washer, Vacuum & Radiator Overflow

Specification: Meets SAE J1037, J942B



Recommended For: Windshield washers, vacuum operated accessories and radiator overflow.

Vacuum and kink resistant construction.
Vacuum rated to 24”Hg (610mm Hg).
25psi working pressure.
Temperature Range: -40°F to +257°F (-40°C to +125°C).

Hose Specifications

Part Number			Nipple Size				Suction		Length (m)
Standard	Inch	mm	Inch	mm	PSI	Bar	in Hg	mm Hg	Reel
27041	7/64	2.8	1/8	3.2	25	2	24	610	15.2
27042	5/32	4.0	3/16	4.8	25	2	24	610	15.2
27043	7/32	5.6	1/4	6.4	25	2	24	610	15.2
27044	1/4	6.4	5/16	7.9	25	2	24	610	15.2
27050	5/16	7.9	3/8	9.5	25	2	24	610	7.6
27053	3/8	9.5	7/16	11.1	25	2	24	610	7.6

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

PremoFlex® Air & Multi Purpose Hose

*NOTE: being superseded by "Plant Master Xtreme 250/315"

Non-Conductive at 1,000V DC

Specification: 3205R, Non-Conductive at 1,000V DC

Recommended For: Applications requiring a highly flexible, cost effective hose with maximum resistance to petroleum oils, kerosene and fuel oil (to 49°C) and lubricating oils (100°C).
PremoFlex® can be used for transferring petrol or diesel fuels. It is also suitable for air and water applications, offers excellent weather and ozone resistance and is nonconductive at 1,000 volts DC.



Tube: Nitrile - Type C. Black.
See *Characteristics Of Hose Stock Types*.
Reinforcement: Synthetic, high tensile textile cord.
Cover: Modified Nitrile - Type C2. Red.
See *Characteristics Of Hose Stock Types*.
Temperature Range: -40°F to +212°F (-40°C to +100°C) continuous service

Refer www.southcott.com.au for current crimp specifications.

Hose Specifications

Part Number								Suction				Length (m)
Standard	Dash	Inch	DN	Inch	mm	PSI	Bar	in Hg	mm Hg	Inch	mm	Reel
4PREMO	4	1/4	6	0.50	12.7	250	17	30	762	2.0	51	183
5PREMO	5	5/16	8	0.56	14.2	250	17	30	762	2.0	51	183
6PREMO	6	3/8	10	0.66	16.8	250	17	30	762	3.0	76	183
8PREMO	8	1/2	12	0.85	21.6	250	17	25	635	4.0	102	183
10PREMO	10	5/8	16	0.98	24.9	250	17	20	508	5.0	127	183
12PREMO	12	3/4	19	1.15	29.2	250	17	20	508	5.0	127	183
16PREMO	16	1	25	1.47	37.3	250	17	10	254	7.9	201	107
20PREMO	20	1-1/4	31	1.75	44.5	250	17	10	254	10.0	254	91
24PREMO	24	1-1/2	38	2.00	50.8	250	17	10	254	12.0	305	76

Additional Product

Hose Type	Couplings and Ferrules	Associated Protective Product				
Standard	Gates Low Pressure Series	Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps
4PREMO	GLX	HSG-02	SGX16	HTG-13	TEXS17	SB15
5PREMO	GLX	HSG-03	SGX16	HTG-14	TEXS20	SB22
6PREMO	GLX	HSG-04	SGX16	HTG-20	TEXS23	SB22
8PREMO	GLX	HSG-06	SGX20	HTG-22	TEXS27	SB25
10PREMO	GLX	HSG-07	SGX20	HTG-22	TEXS36	SB25
12PREMO	GLX	HSG-08	SGX25	HTG-30	TEXS40	SB34
16PREMO	GLX	HSG-11	SGX40	HTG-34	TEXS44	SB41
20PREMO	GLX	HSG-13	SGX50	HTG-34	TEXS55	SB48
24PREMO	-	HSG-15	SGX50	HTG-38	TEXS60	SB54

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

Terminator® Air & Multi Purpose Hose

Non-Conductive at 1,000V DC

*NOTE: being superseded by "Plant Master Xtreme 501 AR"

Specification: 3202T/3202TW, Non-Conductive at 1,000V DC



Recommended For: Terminator is one tough hose with a rugged cover for ouotstanding abrasion resistance and extended service life where constant flexing and bending is required. This top of the line premium oil resistant hose is designed for applications involving air, oil and water, as well as grease sprays, paraffin waxes, salt solutions and a variety of chemicals. It offers excellent durability for extra long life in mining, air drill, construction, poultry plant abbatoirs, quarries, shipyards, food processing, railroads and other severe service environments.

Tube: Nitrile - Type C. Black. RMA (Class A) high oil resistance.
See *Characteristics Of Hose Stock Types*.
Reinforcement: Synthetic, high tensile textile cord.
Cover: Carboxylated Nitrile - Type C4. Yellow.
See *Characteristics Of Hose Stock Types*.
Temperature Range: -40°F to +212°F (-40°C to +100°C) continuous service

Refer www.southcott.com.au for current crimp specifications.

Hose Specifications

Part Number								Suction				Length (m)
Standard	Dash	Inch	DN	Inch	mm	PSI	Bar	in Hg	mm Hg	Inch	mm	Reel
04TERMINATOR	4	1/4	6	0.57	14.5	501	35	30	762	3.0	76	183
06TERMINATOR	6	3/8	10	0.75	19.0	501	35	25	635	3.0	76	183
08TERMINATOR	8	1/2	12	0.89	22.6	501	35	25	635	5.0	127	183
12TERMINATOR	12	3/4	19	1.22	31.0	501	35	15	381	6.0	152	183
16TERMINATOR	16	1	25	1.51	38.4	501	35	10	254	7.9	201	107
20TERMINATOR	20	1-1/4	31	1.78	45.2	501	35	10	254	10.0	254	107
24TERMINATOR	24	1-1/2	38	2.09	53.1	501	35	10	254	12.0	305	30
32TERMINATOR	32	2	51	2.64	67.1	501	35	10	254	14.0	356	30

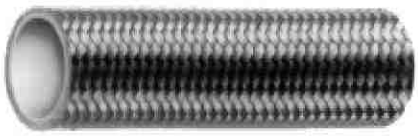
Additional Product

Hose Type	Couplings and Ferrules		Associated Protective Product				
Standard	Gates 1- & 2-piece Series Coupling	Ferrule	Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps
04TERMINATOR	G or GLX		HSG-02	SGX16	HTG-13	TEXS17	SB19
06TERMINATOR	G or GLX		HSG-03	SGX20	HTG-18	TEXS20	SB22
08TERMINATOR	G or GLX		HSG-06	SGX25	HTG-20	TEXS27	SB25
12TERMINATOR	G or GLX		HSG-10	SGX32	HTG-26	TEXS36	SB34
16TERMINATOR	G or GLX		HSG-12	SGX40	HTG-30	TEXS44	SB48
20TERMINATOR	G or GLX		HSG-13	SGX50	HTG-34	TEXS53	SB54
24TERMINATOR	GSP	24GSP1F-2	HSG-14	SGX50	HTG-40	TEXS66	SB60
32TERMINATOR	GSP	32GSP1F-2	HSG-16	SGX75	HTG-56	TEXS85	SB73

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

AFX Teflon Hose - Smooth Bore Heavy Wall Imperial Range

Meets SAE 100R14 Working Pressure



Recommended For: Hydraulic oil lines, turbo chargers, steam, canning sealant lines, plastic/rubber moulding presses, compressor discharge, fuel lines or paint spray. For other applications contact Southcott Pty Ltd.

Tube: Teflon® (PTFE) hose core is manufactured from premier quality resin, smooth bore heavy wall. No pigments or additives are incorporated thus giving the hose liner a translucent appearance free from any contamination.
See *Characteristics Of Hose Stock Types*.
Cover/Reinforcement: Stainless steel wire braid produced from AISI 304/S15 or BS970-1 1996 quality hard drawn tensile stainless steel wire.
Temperature Range: -76°F to +500°F (-60°C to +260°C) continuous service

Warning: PTFE has a very high electrical isolation value. A damaging electrostatic charge can build up inside the hose when electrically resistive fluids/gases are being transmitted at high velocity. Review the potential for electrostatic discharge for every application. If in doubt contact your Southcott agent.
SAE 100R14 working pressures are rated for dynamic applications. Maximum working pressures will vary depending on operating temperatures and impulse frequency.

Refer www.southcott.com.au for current crimp specifications.

Hose Specifications

Part Number						Max SAE 100R14 Working Pressure		Max Static Working Pressure		Max Static Burst Pressure			
Standard	Dash	Inch	DN	Inch	mm	PSI	bar	PSI	bar	PSI	bar	Inch	mm
AFX2004	4	1/4	6	0.38	9.8	1,500	103	2,500	172	10,000	690	3.0	76
AFX2006	6	3/8	10	0.49	12.3	1,500	103	2,000	138	8,000	552	5.0	127
AFX2008	8	1/2	12	0.62	15.8	800	55	1,750	121	7,000	483	5.5	140
AFX2010	10	5/8	16	0.76	19.2	800	55	1,250	86	5,000	345	6.5	165
AFX2012	12	3/4	19	0.90	22.9	800	55	1,125	78	4,500	310	8.0	203
AFX2016	16	1	25	1.17	29.7	800	55	875	60	3,500	241	12.0	305

Additional Product

Hose Type	Couplings and Ferrules		Associated Protective Product						
Standard	Child 2-piece Series Coupling	Ferrule	Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps	Life Guard	Life Guard Collar
AFX2004	S	FNT-04	HSG-01	SGX12	HTG-09	TEXS17	SB15	14LG3K	-
AFX2006	S	FNT-06	HSG-02	SGX12	HTG-11	TEXS20	SB15	14LG3K	-
AFX2008	S	FNT-08	HSG-03	SGX16	HTG-14	TEXS25	SB19	14LG3K	-
AFX2010	S	FNT-10	HSG-05	SGX20	HTG-16	TEXS31	SB25	16LG3K	-
AFX2012	S	FNT-12	HSG-06	SGX20	HTG-20	TEXS33	SB25	20LG3K	-
AFX2016	S	FNT-16	HSG-09	SGX32	HTG-24	TEXS40	SB34	22LG3K	-

HeatGuard® Protective Sheathing

High Temp
260°C

Meets SAE AS1072B

Description: HeatGuard is completely non-asbestos, heat-resistant protective sleeving. It goes on easily over most hose and couplings with only hose clamps or wire ties required for fastening. Nominal wall thickness - 0.135".
Best of all HeadGuard can pay for itself in reduced replacement and maintenance costs.
Available in two grades: HeatGuard (HTG) and HeatGuard Hi-Temp (HTGH)



Standards: SAE AS1072B
Temperature Range: -65°F to +500°F (-54°C to +260°C).

Refer www.southcott.com.au for current crimp specifications.

Product Specifications

Part Number	Sleeve I.D. (in)	Sleeve I.D. (mm)	Part Number	Sleeve I.D. (in)	Sleeve I.D. (mm)	Part Number	Sleeve I.D. (in)	Sleeve I.D. (mm)
HTG-04	0.25	6.35	HTG-16	1.00	25.4	HTG-40	2.50	63.5
HTG-05	0.31	7.9	HTG-18	1.12	28.5	HTG-42	2.62	66.6
HTG-06	0.38	9.5	HTG-20	1.25	31.8	HTG-44	2.75	69.9
HTG-07	0.44	11.2	HTG-22	1.38	35.0	HTG-46	2.88	73.2
HTG-08	0.50	12.7	HTG-24	1.50	38.1	HTG-48	3.00	76.2
HTG-09	0.56	14.2	HTG-26	1.62	41.2	HTG-50	3.12	79.3
HTG-10	0.62	15.8	HTG-28	1.75	44.5	HTG-52	3.25	82.6
HTG-11	0.69	17.5	HTG-30	1.88	47.8	HTG-56	3.50	88.9
HTG-12	0.75	19.0	HTG-32	2.00	50.8	HTG-60	3.75	95.3
HTG-13	0.81	20.6	HTG-34	2.12	53.9	HTG-64	4.00	101.6
HTG-14	0.88	22.4	HTG-36	2.25	57.2			
HTG-15	0.94	23.8	HTG-38	2.38	60.5			

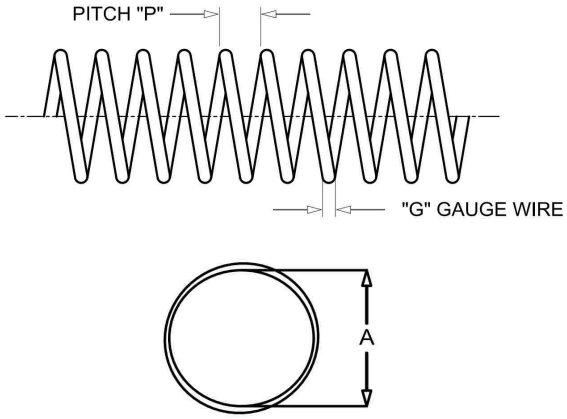
Additional Product

Hose Dash Size	C5C C5CXH C5D C5M	C5E	G1	G2	M3K	M2T M4K M5K M6K	EFG4K EFG5K EFG6K	EFG3K	G8K	GMV	C14
4	HTG-13	HTG-13	HTG-13	HTG-14	HTG-13	HTG-13					HTG-09
5	HTG-15	HTG-15									HTG-11
6	HTG-18	HTG-18	HTG-16	HTG-16	HTG-16	HTG-16	HTG-18				HTG-14
8	HTG-20	HTG-20	HTG-18	HTG-18	HTG-18	HTG-18	HTG-20				HTG-16
10	HTG-22	HTG-22	HTG-22	HTG-22	HTG-22	HTG-22	HTG-22				HTG-20
12	HTG-22	HTG-22	HTG-24	HTG-24	HTG-24	HTG-24	HTG-24		HTG-28	HTG-26	HTG-24
16	HTG-24	HTG-24	HTG-30	HTG-30	HTG-30	HTG-30	HTG-30		HTG-32	HTG-32	
20	HTG-26		HTG-36	HTG-36			HTG-38	HTG-38		HTG-34	
24			HTG-40	HTG-40			HTG-44	HTG-44		HTG-38	
32			HTG-64	HTG-64			HTG-64	HTG-64		HTG-56	

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

HSG Wire Spring Guard Hose Protection

Description: Plated steel spiral spring guard designed to protect hose from chafing, rubbing, crushing and other hazards that may cause premature failure of hose.



Product Specifications

Part Number	A (in) ± 0.015	A (mm) ± 0.3	G (in)	G (mm)	P (in)	P (mm)
HSG-01	0.550	14.0	14 (0.08)	2.03	7/32	5.54
HSG-02	0.676	17.1	14 (0.08)	2.03	7/32	5.54
HSG-03	0.738	18.8	14 (0.08)	2.03	7/32	5.54
HSG-04	0.852	21.6	14 (0.08)	2.03	7/32	5.54
HSG-05	0.915	23.2	14 (0.08)	2.03	7/32	5.54
HSG-06	0.977	24.8	14 (0.08)	2.03	7/32	5.54
HSG-07	1.040	26.4	14 (0.08)	2.03	7/32	5.54
HSG-08	1.122	28.5	14 (0.08)	2.03	7/32	5.54
HSG-09	1.278	32.5	11 (0.12)	3.05	11/32	8.73
HSG-10	1.340	34.0	11 (0.12)	3.05	11/32	8.73
HSG-11	1.578	40.1	11 (0.12)	3.05	11/32	8.73
HSG-12	1.625	41.3	11 (0.12)	3.05	11/32	8.73
HSG-13	1.847	46.9	11 (0.12)	3.05	13/32	10.32
HSG-14	2.112	53.6	11 (0.12)	3.05	13/32	10.32
HSG-15	2.312	58.7	11 (0.12)	3.05	13/32	10.32
HSG-15A	2.690	68.3	11 (0.12)	3.05	13/32	10.32
HSG-16	2.937	74.6	11 (0.12)	3.05	13/32	10.32

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

Gates Plastic Protective Coil Sleeves

HPSG - Hose Plastic Spiral Guard

Description: Economical lightweight plastic sleeving protects hose from water, air, gasoline and hydraulic fluids.

Temperature Range: -40°F to +250°F (-40°C to +121°C).



Product Specifications

Part Number	Coil ID Dash	Coil ID in	Coil ID mm	Strip Width in	Thickness in	Continuous Length (m)
HPSG-04	4	1/4	6.3	1/4	0.040	30.0
HPSG-06	6	3/8	9.5	1/4	0.040	30.0
HPSG-08	8	1/2	12.7	3/8	0.070	30.0
HPSG-10	10	5/8	15.9	3/8	0.070	15.0
HPSG-12	12	3/4	19.0	3/8	0.070	15.0
HPSG-16	16	1	25.4	5/8	0.115	15.0
HPSG-22	22	1-3/8	34.9	5/8	0.115	7.5
HPSG-30	30	1-7/8	47.6	5/8	0.115	7.5

SpiralGuard™ SGX & SGX-FRAS

SGX-FRAS Compliance to ISO 6805

Description: Flat plastic spiral wrap designed to protect or bundle hose for appearance and safety. Protects hose from chafing, rubbing, crushing and other hazards that cause hose failure. It is an easy and economical way to protect equipment, reduce downtime, improve sighting and improve overall appearance.



SGX: Standard available in black, blue, yellow and red. Other colours available on request. Minimum order quantities may apply.
SGX-FRAS: Flame retardant anti-static, compliance to ISO 6805.

Product Specifications

Part Number		Hose OD Range in	Hose OD Range mm	1-Wire	2-Wire	Multi-Spiral	Coil/Box Length m
Standard	FRAS (Flame Retardant Anti-Static)						
SGX12	SGX12-FRAS	1/4 - 3/8	8 - 12	-4	-4	-	50
SGX16	SGX16-FRAS	1/2 - 5/8	12 - 17	-4	-4	-	20
SGX20	SGX20-FRAS	5/8 - 7/8	16 - 22	-6	-6	-6	20
SGX25	SGX25-FRAS	7/8 - 1-1/16	22 - 28	-8	-8	-8	20
SGX32	SGX32-FRAS	1-1/16 - 1-1/4	27 - 33	-12	-10	-12	20
SGX40	SGX40-FRAS	1-1/4 - 1-5/8	33 - 42	-16	-16	-16	20
SGX50	SGX50-FRAS	1-5/8 - 2-1/8	42 - 55	-20	-20	-20	20
SGX63	SGX63-FRAS	2 - 2-1/2	52 - 65	-32	-24	-24	20
SGX75	SGX75-FRAS	2-1/2 - 3-1/4	65 - 80	-	-32	-32	10/20
SGX90	SGX90-FRAS	3 - 6	80 - 150	Hose looms 80-50mm in diameter			10/20
SGX110	SGX110-FRAS	6+	150+	Hose looms 150mm+			6/10
SGX125	SGX125-FRAS	-	-	-			6

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

Gates Nylon Protective Sleeve

MSHA Flame Resistance Approval

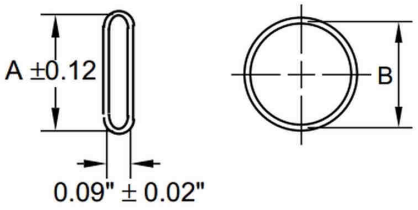


Description: Gates nylon sleeves perform a dual role: 1) they provide excellent abrasion resistance to protect individual hose and 2) they can be used to bundle several hose assemblies together for maximum protection. Downtime and maintenance costs are reduced. These nylon sleeves are unique because they offer an extra protective layer against abrasive forces. Specifically, thousands of tiny nylon filaments woven into a texturised yarn "friz" that becomes a self-renewing shield that is extremely resistant to sever abrasion.

Temperature Range: Do not use where ambient temperature exceeds 250°F (121°C).

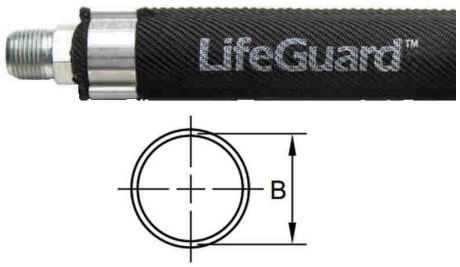
Product Specifications

Part Number	Inside Flat A		Sleeve ID B		Colour
	in	mm	in	mm	
HNG-14	1.42	36.1	0.90	22.9	Black
HNG-16	1.67	42.4	1.06	26.9	Black
HNG-20	1.92	48.8	1.22	31.0	Black
HNG-24	2.24	56.9	1.42	36.1	Black
HNG-28	2.85	72.4	1.81	46.0	Black
HNG-32	3.44	87.4	2.19	55.6	Black
HNG-38	3.74	95.0	2.38	60.5	Black
HNG-42	4.12	104.6	2.62	66.5	Black
HNG-46	4.53	115.1	2.88	73.2	Black



Gates LifeGuard™ Sleeving

LifeGuard™ Line Of Sight Sleeve



Description: Beyond peak performance, the LifeGuard™ system offers you safety. The Line-Of-Sight Sleeving is the first true protection in line of sight hydraulic applications. Contains bursts up to 10,000psi and pinhole leaks up to 5,000psi at 250°F (121°C) for up to five minutes. The double-layer sleeve effectively shields operators against hazards such as personal injury, fluid burns and injection, fires and explosions, electrical shock and mechanical failure.

Product Specifications

Part Number	Hose Size		Sleeve ID - B		Contains Hose Bursts...	Clamps To Suit	
	Dash	mm	in	mm		Aluminium	Stainless Steel
14LG3K	-4	6.3	0.71	18.0	Pin hole up to 3,000 psi Burst up to 6,000psi	6SC4	6SC4SS
16LG3K	-6	9.5	0.91	23.1		6SC4	6SC4SS
20LG3K	-8	12.5	1.06	26.9		8SC4	8SC4SS
22LG3K	-10	15.9	1.26	32.0		10SC4	10SC4SS
26LG3K	-12	19.1	1.50	38.1		12SC4	12SC4SS
32LG3K	-16	25.4	1.99	50.6		16SC4	16SC4SS
14LG4K	-4	6.3	0.88	22.4	Pin hole up to 4,000psi Burst up to 8,000psi	6SC4	6SC4SS
16LG4K	-6	9.5	1.03	26.1		6SC4	6SC4SS
20LG4K	-8	12.5	1.22	31.0		8SC4	8SC4SS
22LG4K	-10	15.9	1.35	34.3		10SC4	10SC4SS
26LG4K	-12	19.1	1.59	40.4		12SC4	12SC4SS
32LG4K	-16	25.4	1.99	50.6		16SC4	16SC4SS
14LG5K	-4	6.3	0.88	22.4	Pin hole up to 5,000psi Burst up to 10,000psi	6SC4	6SC4SS
16LG5K	-6	9.5	1.03	26.1		6SC4	6SC4SS
20LG5K	-8	12.5	1.22	31.0		8SC4	8SC4SS
22LG5K	-10	15.9	1.35	34.3		10SC4	10SC4SS
26LG5K	-12	19.1	1.59	40.4		12SC4	12SC4SS

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

Texsleeve Nylon Hose Burst Protective Sleeve

Burst Defusing Sleeve

Description: Texsleeve is a continuous nylon fibre treated with a special process to eliminate air between the fibres. This process gives the product a super compact textile wire making it far better than any other standard fibre sleeve on the market. The Depart Of Primary Industries require this type of protection for hydraulic hoses where there is potential for harm to personnel or the environment in the event of a hose failure. Texsleeve also has excellent abrasion and fire resistance capabilities making it the top of the line choice in hose protection.
Note: Texsleeve can be fitted clamped or unclamped. For best performance it is recommended that shrink-bands be used to secure the sleeve over the crimped hose ferrules.



Product Specifications

Part Number	ID Flat mm	ID Round mm	Suits G1, G2 Dash Size with S series couplings	Part Number	ID Flat mm	ID Round mm	Suits G1, G2 Dash Size with S series couplings
TEXS17	27	17		TEXS47	74	47	-16
TEXS20	31	20	-3	TEXS53	83	53	
TEXS23	36	23	-4	TEXS55	86	55	
TEXS25	39	25	-5	TEXS60	94	60	-20
TEXS27	42	27	-6	TEXS66	104	66	
TEXS31	49	31	-8	TEXS73	115	73	-24
TEXS33	52	33	-10	TEXS85	134	85	
TEXS36	54	36		TEXS93	146	93	-32
TEXS40	63	40		TEXS112	176	112	
TEXS44	69	44	-12	TEXS127	292	127	

PowerGrip® SB Clamps

Maintenance-Free Clamps

Description: PowerGrip® SB clamps stop leaks even on out-of-round applications. East to install with ordinary heat gun. Wider sealing area entraps connector bead. Conforms to any shape of hose and housing, even out of round fittings.

Temperature Range: -40°F to +250°F (-40°C to +121°C).



Product Specifications

Part Number	Clamp Range mm	Part Number	Clamp Range mm	Part Number	Clamp Range mm
SB15	12.7 - 17.5	SB34	30.2 - 38.1	SB67	63.5 - 69.9
SB19	17.5 - 20.6	SB41	38.1 - 44.5	SB73	69.9 - 76.2
SB22	20.6 - 23.8	SB48	44.5 - 50.8	SB79	76.2 - 82.6
SB25	23.8 - 27.0	SB54	50.8 - 57.1	SB86	82.6 - 88.9
SB29	27.0 - 30.2	SB60	57.1 - 63.5	SB90	88.9 - 92.1

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

Hose Straps and Bunch Binders

Straps - Standard and FRAS Available

Description: Suitable for holding (bunching) several hoses together or for securing hose away from potential hazards in the work environment.
Straps available in standard or FRAS.
Length: Various lengths available for both standard and FRAS.



Product Specifications

Part Number	Length mm	Type	Description
BS001	400	Standard	Hose Strap 400mm STD
BS002	800	Standard	Hose Strap 800mm STD
BS003	1500	Standard	Hose Strap 1500mm STD
BS006	600	Standard	Hose Strap 600mm STD
AB001	400	FRAS	Hose Strap 400mm FRAS
AB002	800	FRAS	Hose Strap 800mm FRAS
AB003	1500	FRAS	Hose Strap 1500mm FRAS
BUNCH-SS	N/A	FRAS	Bunch Binder in Stainless Steel

TexWrap™ Textile Wrapping Sleeve

High Temp
260°C

Multi hydraulic hose or electrical cable protection

Description: Resistant to oil spills, abrasion and high temperatures.
Texwrap's high pressure resistant Velcro enables a tubular protection that is easy to assemble and can be fitted in situ.
Temperature: Up to 200°C
Manufactured in fibreglass and coated with silicone rubber, Texwrap functions in very critical conditions with particular regard to high temperatures.



Product Specification

Part Number	OD mm	Coil Length m
TEXW-75	75	50
TEXW-100	100	50
TEXW-150	150	50
TEXW-200	200	50



Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

HBR - Hose Bend Restrictor



Description: Flexible hose bend restrictors protect the hose near the couplings. Gates tapered PVC sleeves reduce bending stresses in the hose near the coupling to prevent damage such as in portapower and pressure wash applications.
Installed during assembly the product withstands temperatures of -40°F to + 200°F (-40°C to +93°C).
Featured benefits:
Tapered design reduces bending stress near the hose coupling junction
Smooth finish will not scratch finish on equipment being washed
Wide temperature range
Friction fit means no adhesive to clamps required to hold bend restrictor in place

Product Specifications

Part Number	ID		Length		Colour	Hose Size & Type
	in	mm	in	mm		
HBR-1050	0.63	16.0	5.50	139.7	Black	4G1, 4G1H, 4G2, 4M3K, 4M2T, 4PC I, 4PC II
HBR-1051	0.73	18.5	6.00	152.4	Black	6G1, 6G1H, 6M3K, 6M2T, 6PC I
HBR-1054	0.77	19.6	7.00	177.8	Black	6G2, 6PC II
HBR-1052	0.84	21.3	7.00	177.8	Black	8G1, 8G1H, 8PC II
HBR-1053	1.00	25.4	8.00	203.2	Black	10G1, 10G1H, 10M2T

Due to continual product improvement., we reserve the right to alter this information without notice. For current product information visit www.southcott.com.au

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Part No. Description Page

FIELD-FIT COUPLINGS
To suit Gates hose types:
G1, G2, C3H

BN1 Body to suit G1 Hose (Non-Skive) 2.4
BN2 Body to suit G2 Hose (Non-Skive) 2.4
BN3 Body to suit C3H Hose (Non-Skive) 2.4

RMB Straight Male BSPT 2.4
RMP Straight Male BSPP 2.4
RMBX Straight Male BSPT.Swivel 2.4
RMBX90C 90° Close Male BSPT.Swivel 2.4

RFB Straight Female BSPP.Swivel 2.4
RFB45 45° Tube Style Female BSPP.Swivel 2.4
RFB45C 45° Close Style Female BSPP.Swivel 2.5
RFB90 90° Tube Style Female BSPP.Swivel 2.5
RFB90C 90° Close Style Female BSPP.Swivel 2.5

RMJ Straight Male JIC 2.5
RFJ Straight Female JIC Swivel 2.5
RFJ45 45° Tube Style Female JIC Swivel 2.5
RFJ45C 45° Close Style Female JIC Swivel 2.5
RFJ90 90° Tube Style Female JIC Swivel 2.5
RFJ90L 90° Long Drop Tube Style Female JIC Swivel 2.6
RFJ90C 90° Tube Style Female JIC Swivel 2.6

RFFO Flat Female Swivel O-Ring Flat Face 2.6
RFFO90 90° Female Swivel O-Ring Flat Face 2.6

RMN Straight Male NPTF 2.6
RFN Straight Female NPTF 2.6
RMO Straight Male S.A.E. 'O' Ring Boss 2.6
RMOX Straight Male S.A.E. 'O' Ring Boss Swivel 2.6
RMOX90C 90° Close Male S.A.E. 'O' Ring Boss Swivel 2.6

RFL Straight SAE 'O' Ring Flange (Code 61) 2.7
RFL45 45° SAE 'O' Ring Flange (Code 61) 2.7
RFL90 90° SAE 'O' Ring Flange (Code 61) 2.7

RMS Straight Male SAE 2.7
RFS Straight Female SAE.Swivel 2.7
RFS45C 45° Tube Style Female SAE.Swivel 2.7
RFS90 90° Tube Style Female SAE.Swivel 2.7
RFS90C 90° Close Style Female SAE Swivel 2.7

RLS Lifesaver 2.7
RHJ Hose Joiner 2.7

Section 2
Field-Attachable Couplings

Contents

Part No. ..... Description..... Page

FIELD-FIT/C5 COUPLINGS
To suit Gates hose types:
C5C, C5CXH, C5D & C5M

5MB ..... Straight Male BSPT. 2.8
C5-RMP..... Straight Male NPTF 2.8
C5-RFJX..... Straight Female JIC Swivel 2.8
C5-RFJX45 ..... 45° Tube Style Female JIC Swivel..... 2.8
C5-RFJX90 ..... 90° Tube Style Female JIC Swivel..... 2.8
C5-RFJSX ..... Straight Female JIC/SAE (Dual Cone Seat) Swivel..... 2.8
C5-RFJSX45 ..... 45° Tube Style Female JIC/SAE (Dual Cone Seat) Swivel 2.8
C5-RFJSX90 ..... 90° Tube Style Female JIC/SAE (Dual Cone Seat) Swivel 2.8
C5-RFSX ..... Straight Female SAE Swivel..... 2.9
C5-RFSX45 ..... 45° Tube Style Female SAE Swivel 2.9
C5-RFSX90 ..... 90° Tube Style Female SAE Swivel 2.9

FIELD-FIT/C5E COUPLINGS
To suit Gates hose types:
C5E - SAE J1402 Type E.A1.(Air brake) SAE J1019 High Temp

C5E-RMP..... Straight Male NPTF 2.10
C5E-RFJX ..... Straight Female JIC Swivel 2.10
C5E-RFJX45 ..... 45° Tube Style Female JIC Swivel..... 2.10
C5E-RFJX90 ..... 90° Tube Style Female JIC Swivel..... 2.10
C5E-RFJSX ..... Straight Female JIC/SAE (Dual Cone Seat) Swivel..... 2.10
C5E-RFJSX45 ..... 45° Tube Style Female JIC/SAE (Dual Cone Seat) Swivel 2.10
C5E-RFJSX90 ..... 90° Tube Style Female JIC/SAE (Dual Cone Seat) Swivel 2.10
C5E-RFSX ..... Straight Female SAE. Swivel..... 2.11
C5E-RFSX45 ..... 45° Tube Style Female SAE Swivel 2.11
C5E-RFSX90 ..... 90° Tube Style Female SAE Swivel 2.11
C5E-RMIX..... Straight Male SAE Inverted Flare..... 2.11
C5E-RMIX45..... 45° Male SAE Inverted Flare 2.11
C5E-RMIX90..... 90° Male SAE Inverted Flare 2.11

LOCK-ON COUPLINGS

LMB ..... Straight Male BSP.T 2.12
LFB..... Straight Female BSP.P. Swivel 2.12
LFB90C..... 90° Close Style Female BSP.P Swivel 2.12
LMN ..... Straight Male NPTF 2.12
LMJ ..... Straight Male JIC..... 2.12
LMS..... Straight Male SAE 2.12
LFJ..... Straight Female JIC Swivel 2.12
LFJS ..... Straight Female JIC/SAE (Dual Cone Seat) Swivel..... 2.12
LFJ90..... 90° Tube Style Female JIC Swivel..... 2.13
LFJ90C..... 90° Close Style Female JIC Swivel 2.13
LFS ..... Straight Female SAE Swivel..... 2.13
LMIX ..... Straight Male SAE Inverted Flare..... 2.13
LSP ..... Straight Stand Pipe 2.13
LHJ ..... Straight Hose Joiner..... 2.13

Contents

Part No. Description Page

CLAMP-ON COUPLINGS (BEADED TAIL)

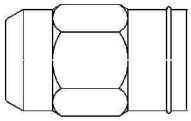
CB4 Hosetail Male/Male BSPT x LP 2.14
CP4 Hosetail Male/Male BSPP x LP 2.14
CM4 Hosetail Male/Male Metric x LP 2.14
CN4 Hosetail Male/Male NPTF x LP 2.14
C5 Hosetail Male/Male SAE O-Ring Boss x LP 2.14

CB5 Hosetail Female/Male BSPT x LP 2.15

C41 Hosetail 45° Elbow Male/Male SAE O-Ring Boss x LP 2.15
CB41 Hosetail 45° Elbow Male/Male BSPT x LP 2.15
CN41 Hosetail 45° Elbow Male/Male NPTF x LP 2.15

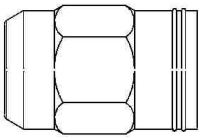
C60 Hosetail 90° Elbow Male/Male SAE O-Ring Boss x LP 2.15
CB60 Hosetail 90° Elbow Male/Male BSPT x LP 2.15
CP60 Hosetail 90° Elbow Male/Male BSPP x LP 2.16
CN60 Hosetail 90° Elbow Male/Male NPTF x LP 2.16

Body One Wire Braid
G1 Hose
Non-Skive



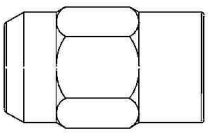
P/Number	Hose
BN1-04	1/4
BN1-06	3/8
BN1-08	1/2
BN1-12	3/4
BN1-16	1

Body Two Wire Braid
G2 Hose
Non-Skive



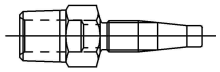
P/Number	Hose
BN2-04	1/4
BN2-06	3/8
BN2-08	1/2
BN2-10	5/8
BN2-12	3/4
BN2-16	1

Body Two Textile Braid
G3H Hose
Non-Skive



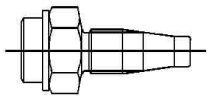
P/Number	Hose
BN3-04	1/4
BN3-06	3/8
BN3-08	1/2
BN3-12	3/4

Straight Male BSPT
G1, G2, C3H



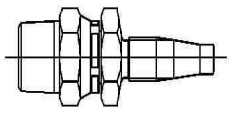
P/Number	Thread	Hose
RMB-0204	1/8	1/4
RMB-0404	1/4	1/4
RMB-0406	1/4	3/8
RMB-0604	3/8	1/4
RMB-0606	3/8	3/8
RMB-0608	3/8	1/2
RMB-0806	1/2	3/8
RMB-0808	1/2	1/2
RMB-0810	1/2	5/8
RMB-0812	1/2	3/4
RMB-1008	5/8	1/2
RMB-1208	3/4	1/2
RMB-1212	3/4	3/4
RMB-1612	1	3/4
RMB-1616	1	1

Straight Male BSPP
G1, G2, C3H



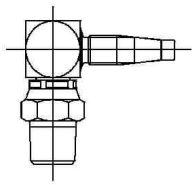
P/Number	Thread	Hose
RMP-0606	3/8	3/8
RMP-0806	1/2	3/8
RMP-0808	1/2	1/2

Straight Male BSPT
Swivel
G1, G2, C3H



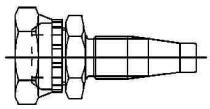
P/Number	Thread	Hose
RMBX-0606	3/8	3/8
RMBX-0608	3/8	1/2
RMBX-0806	1/2	3/8
RMBX-0808	1/2	1/2
* RMBX-1208	3/4	1/2
RMBX-1212	3/4	3/4

90 Close Male BSPT
Swivel
G1, G2, C3H



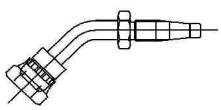
P/Number	Thread	Hose
RMBX90C-0606	3/8	3/8
* RMBX90C-0608	3/8	1/2
RMBX90C-0806	1/2	3/8
RMBX90C-0808	1/2	1/2
RMBX90C-1212	3/4	3/4

Straight Female BSPP
Swivel
G1, G2, C3H



P/Number	Thread	Hose
RFB-0204	1/8	1/4
RFB-0404	1/4	1/4
RFB-0406	1/4	3/8
RFB-0604	3/8	1/4
RFB-0606	3/8	3/8
RFB-0608	3/8	1/2
RFB-0806	1/2	3/8
RFB-0808	1/2	1/2
RFB-1008	5/8	1/2
RFB-1208	3/4	1/2
RFB-1212	3/4	3/4
RFB-1612	1	3/4
RFB-1616	1	1

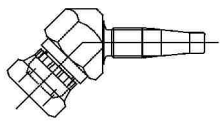
45° Tube Female BSPP
Swivel
G1, G2, C3H



P/Number	Thread	Hose
RFB45-0404	1/4	1/4
RFB45-0606	3/8	3/8
* RFB45-0806	1/2	3/8
RFB45-0808	1/2	1/2
RFB45-1212	3/4	3/4
RFB45-1616	1	1

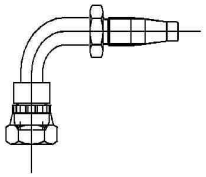
*Manufactured To Order - Minimum Order Quantities May Apply

45° Close Female BSPP Swivel G1, G2, C3H



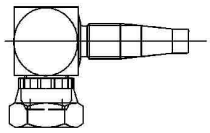
P/Number	Thread	Hose
RFB45C-0404	1/4	1/4
RFB45C-0606	3/8	3/8
RFB45C-0806	1/2	3/8
RFB45C-0808	1/2	1/2
RFB45C-1212	3/4	3/4
RFB45C-1616	1	1

90° Tube Female BSPP Swivel G1, G2, C3H



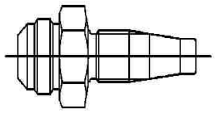
P/Number	Thread	Hose
RFB90-0404	1/4	1/4
RFB90-0606	3/8	3/8
RFB90-0806	1/2	3/8
RFB90-0808	1/2	1/2
RFB90-1212	3/4	3/4
RFB90-1616	1	1

90° Close Female BSPP Swivel G1, G2, C3H



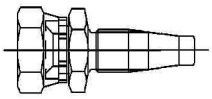
	P/Number	Thread	Hose
*	RFB90C-0204	1/8	1/4
	RFB90C-0404	1/4	1/4
	RFB90C-0406	1/4	3/8
	RFB90C-0604	3/8	1/4
	RFB90C-0606	3/8	3/8
	RFB90C-0608	3/8	1/2
	RFB90C-0806	1/2	3/8
	RFB90C-0808	1/2	1/2
	RFB90C-1208	3/4	1/2
	RFB90C-1212	3/4	3/4
	RFB90C-1616	1	1

Straight Male JIC G1, G2, C3H



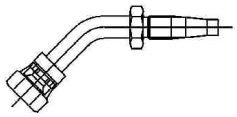
P/Number	Thread	Hose
RMJ-0704	7/16	1/4
RMJ-0804	1/2	1/4
RMJ-0904	9/16	1/4
RMJ-0906	9/16	3/8
RMJ-0908	9/16	1/2
RMJ-1206	3/4	3/8
RMJ-1208	3/4	1/2
RMJ-1406	7/8	3/8
RMJ-1408	7/8	1/2
RMJ-1410	7/8	5/8
RMJ-1412	7/8	3/4
RMJ-1708	1-1/16	1/2
RMJ-1710	1-1/16	5/8
RMJ-1712	1-1/16	3/4
RMJ-1912	1-3/16	3/4
RMJ-2116	1-5/16	1

Straight Female JIC Swivel G1, G2, C3H



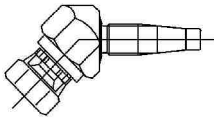
P/Number	Thread	Hose
RFJ-0704	7/16	1/4
RFJ-0804	1/2	1/4
RFJ-0904	9/16	1/4
RFJ-0906	9/16	3/8
RFJ-0908	9/16	1/2
RFJ-1206	3/4	3/8
RFJ-1208	3/4	1/2
RFJ-1406	7/8	3/8
RFJ-1408	7/8	1/2
RFJ-1410	7/8	5/8
RFJ-1412	7/8	3/4
RFJ-1708	1-1/16	1/2
RFJ-1710	1-1/16	5/8
RFJ-1712	1-1/16	3/4
RFJ-1716	1-1/16	1
RFJ-1912	1-3/16	3/4
RFJ-2112	1-5/16	3/4
RFJ-2116	1-5/16	1

45° Female JIC Swivel G1, G2, C3H



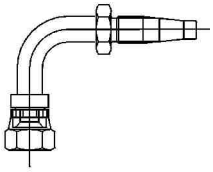
	P/Number	Thread	Hose
	RFJ45-0704	7/16	1/4
*	RFJ45-0804	1/2	1/4
	RFJ45-0904	9/16	1/4
	RFJ45-0906	9/16	3/8
	RFJ45-1206	3/4	3/8
	RFJ45-1208	3/4	1/2
	RFJ45-1408	7/8	1/2
	RFJ45-1712	1-1/16	3/4
	RFJ45-2116	1-5/16	1

45° Close Female JIC Swivel G1, G2, C3H



	P/Number	Thread	Hose
	RFJ45C-0704	7/16	1/4
	RFJ45C-0804	1/2	1/4
	RFJ45C-0904	9/16	1/4
	RFJ45C-0906	9/16	3/8
	RFJ45C-1206	3/4	3/8
	RFJ45C-1208	3/4	1/2
	RFJ45C-1408	7/8	1/2
	RFJ45C-1712	1-1/16	3/4
*	RFJ45C-2116	1-5/16	1

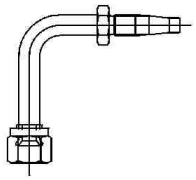
90° Tube Female JIC Swivel G1, G2, C3H



P/Number	Thread	Hose
RFJ90-0704	7/16	1/4
RFJ90-0804	1/2	1/4
RFJ90-0904	9/16	1/4
RFJ90-0906	9/16	3/8
RFJ90-1206	3/4	3/8
RFJ90-1208	3/4	1/2
RFJ90-1408	7/8	1/2
RFJ90-1410	7/8	5/8
RFJ90-1708	1-1/16	1/2
RFJ90-1710	1-1/16	5/8
RFJ90-1712	1-1/16	3/4
RFJ90-2116	1-5/16	1

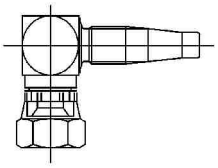
*Manufactured To Order - Minimum Order Quantities May Apply

90° Female JIC Long Drop Swivel G1, G2, C3H



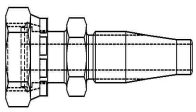
P/Number	Thread	Hose
RFJ90L-0704	7/16	1/4
RFJ90L-0904	9/16	1/4
RFJ90L-0906	9/16	3/8
RFJ90L-1206	3/4	3/8
RFJ90L-1208	3/4	1/2
RFJ90L-1408	7/8	1/2
RFJ90L-1712	1-1/16	3/4
RFJ90L-2116	1-1/16	3/4

90° Close Female JIC Swivel G1, G2, C3H



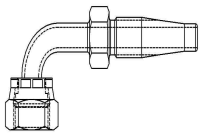
P/Number	Thread	Hose
RFJ90C-0704	7/16	1/4
RFJ90C-0804	1/2	1/4
RFJ90C-0904	9/16	1/4
RFJ90C-0906	9/16	3/8
RFJ90C-0908	9/16	1/2
RFJ90C-1206	3/4	3/8
RFJ90C-1208	3/4	1/2
RFJ90C-1408	7/8	1/2
RFJ90C-1708	7/8	1/2
RFJ90C-1712	1-1/16	3/4
RFJ90C-2116	1-5/16	1

Straight Female Swivel Flat Faced O-Ring (ORFS) G1, G2, C3H



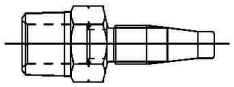
P/Number	Thread	Hose
RFFO-0904	9/16	1/4
RFFO-1104	11/16	1/4
RFFO-1106	11/16	3/8
RFFO-1308	13/16	1/2
RFFO-1608	1	1/2

90° Female Swivel Flat Faced O-Ring (ORFS) G1, G2, C3H



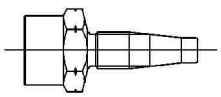
P/Number	Thread	Hose
RFFO90-0904	9/16	1/4
RFFO90-1104	11/16	1/4
RFFO90-1106	11/16	3/8
RFFO90-1308	13/16	1/2
RFFO90-1608	1	1/2

Straight Male NPTF G1, G2, C3H



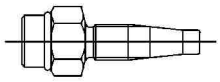
P/Number	Thread	Hose
RMN-0404	1/4	1/4
RMN-0406	1/4	3/8
RMN-0604	3/8	1/4
RMN-0606	3/8	3/8
RMN-0808	1/2	1/2
RMN-1208	3/4	1/2
RMN-1212	3/4	3/4
* RMN-1616	1	1

Straight Female NPTF G1, G2, C3H



P/Number	Thread	Hose
RFN-0404	1/4	1/4
RFN-0406	1/4	3/8
RFN-0808	1/2	1/2

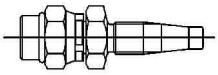
Straight Male S.A.E. 'O' Ring Boss G1, G2, C3H



P/Number	Thread	Hose
RMO-1206	3/4	3/8
RMO-1208	3/4	1/2
RMO-1406	7/8	3/8
RMO-1408	7/8	1/2

90 Duro O Ring supplied

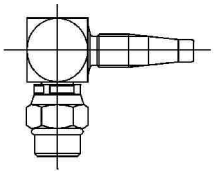
Straight Male S.A.E. 'O' Ring Boss (Swivel) G1, G2, C3H



P/Number	Thread	Hose
RMOX-1206	3/4	3/8
* RMOX-1208	3/4	1/2
RMOX-1406	7/8	3/8
RMOX-1408	7/8	1/2
* RMOX-1708	1-1/16	1/2
* RMOX-1712	1-1/16	3/4
RMOX-2116	1-5/16	1

90 Duro O Ring supplied

90° Close Male S.A.E. 'O' Ring Boss (Swivel) G1, G2, C3H

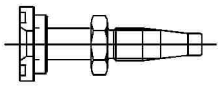


P/Number	Thread	Hose
RMOX90C-1206	3/4	3/8
RMOX90C-1208	3/4	1/2
* RMOX90C-1406	7/8	3/8
RMOX90C-1408	7/8	1/2
RMOX90C-1712	1-1/16	3/4

90 Duro O Ring supplied

*Manufactured To Order - Minimum Order Quantities May Apply

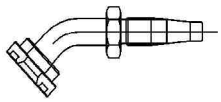
Straight SAE 'O' Ring Flange G1, G2, C3H Code 61



	P/Number	Flange	Hose
	RFL-1212	3/4	3/4
*	RFL-1612	1	3/4
	RFL-1616	1	1
*	RFL-2416	1-1/2	1

90 Duro O Ring supplied

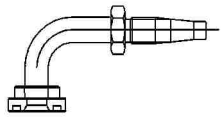
45° SAE 'O' Ring Flange G1, G2, C3H Code 61



	P/Number	Flange	Hose
*	RFL45-1612	1	3/4
*	RFL45-2012	1-1/4	3/4
*	RFL45-2016	1-1/4	1

90 Duro O Ring supplied

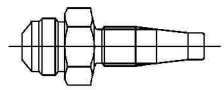
90° SAE 'O' Ring Flange G1, G2, C3H Code 61



	P/Number	Flange	Hose
	RFL90-1212	3/4	3/4

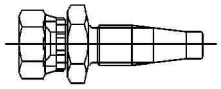
90 Duro O Ring supplied

Straight Male SAE G1, G2, C3H



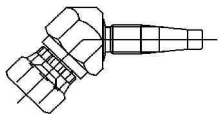
	P/Number	Thread	Hose
	RMS-0804	1/2	1/4
*	RMS-1006	5/8	3/8
	RMS-1206	3/4	3/8

Straight Female SAE Swivel G1, G2, C3H



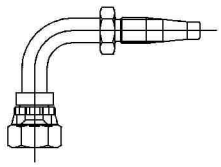
P/Number	Thread	Hose
RFS-0704	7/16	1/4
RFS-0806	1/2	3/8
RFS-1006	5/8	3/8
RFS-1206	3/4	3/8

45° Close Female SAE Swivel G1, G2, C3H



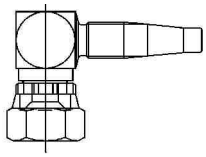
	P/Number	Thread	Hose
*	RFS45C-1006	5/8	3/8

90° Tube Female SAE Swivel G1, G2, C3H



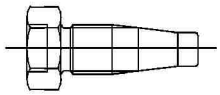
	P/Number	Thread	Hose
*	RFS90-1006	5/8	3/8

90° Close Female SAE Swivel G1, G2, C3H



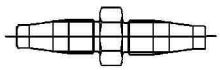
	P/Number	Thread	Hose
*	RFS90C-0704	7/16	1/4
	RFS90C-1006	5/8	3/8
	RFS90C-1206	3/4	3/8

Lifesaver G1, G2, C3H



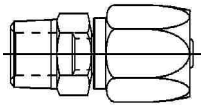
	P/Number	Tube	Hose
	RLS-0404	1/4	1/4
*	RLS-0604	3/8	1/4
	RLS-0606	3/8	3/8
*	RLS-0806	1/2	3/8
	RLS-0808	1/2	1/2
	RLS-1008	5/8	1/2
	RLS-1212	3/4	3/4
	RLS-1616	1	1

Hose Joiner G1, G2, C3H



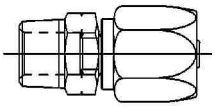
	P/Number	Hose
	RHJ-04	1/4
	RHJ-06	3/8
	RHJ-08	1/2
	RHJ-12	3/4
*	RHJ-16	1

Straight Male BSPT C5C, C5CXH, C5D & C5M



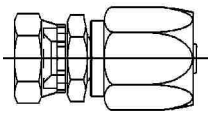
P/Number	Thread	Hose
5MB-0204	1/8	3/16
5MB-0404	1/4	3/16

Straight Male NPTF C5C, C5CXH, C5D & C5M



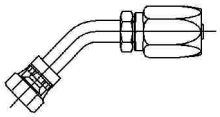
P/Number	Thread	Hose
4C5-2RMP	1/8	3/16
4C5-4RMP	1/4	3/16
6C5-4RMP	1/4	5/16
6C5-6RMP	3/8	5/16
8C5X-8RMP	1/2	13/32
12C5X-12RMP	3/4	5/8
16C5-16RMP	1	7/8

Straight Female JIC Swivel C5C, C5CXH, C5D & C5M



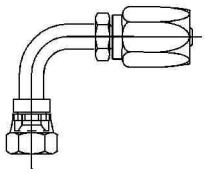
P/Number	Thread	Hose
6C5-6RFJX	9/16	5/16
8C5X-6RFJX	9/16	13/32
10C5-12RFJX	1-1/16	1/2
12C5X-12RFJX	1-1/16	5/8
16C5-16RFJX	1-5/16	7/8
20C5-20RFJX	1-5/8	1-1/8
24C5-24RFJX	1-7/8	1-3/8
32C5-32RFJX	2-1/2	1-13/16

45° Tube Female JIC Swivel C5C, C5CXH, C5D & C5M



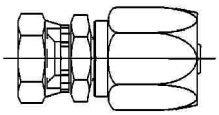
P/Number	Thread	Hose
6C5-6RFJX45	9/16	5/16
12C5X-12RFJX45S	1-1/16	5/8
16C5-16RFJX45	1-5/16	7/8

90° Tube Female JIC Swivel C5C, C5CXH, C5D & C5M



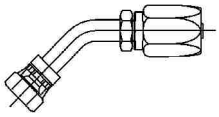
P/Number	Thread	Hose
6C5-6RFJX90	9/16	5/16
12C5X-12RFJX90L	1-1/16	5/8
12C5X-12RFJX90S	1-1/16	5/8
16C5-16RFJX90	1-5/16	7/8

Straight Female JIC/SAE Dual Seat Swivel C5C, C5CXH, C5D & C5M



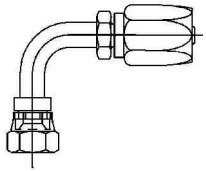
P/Number	Thread	Hose
4C5-4RFJSX	7/16	3/16
5C5X-5RFJSX	1/2	1/4
8C5X-8RFJSX	3/4	13/32
10C5-10RFJSX	7/8	1/2

45° Tube Female JIC/SAE Dual Seat Swivel C5C, C5CXH, C5D & C5M



P/Number	Thread	Hose
4C5-4RFJSX45	7/16	3/16
5C5X-5RFJSX45S	1/2	1/4
8C5X-8RFJSX45S	3/4	13/32
10C5-10RFJSX45	7/8	1/2

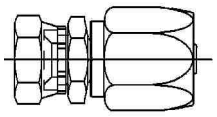
90° Tube Female JIC/SAE Dual Seat Swivel C5C, C5CXH, C5D & C5M



P/Number	Thread	Hose
4C5-4RFJSX90	7/16	3/16
5C5X-5RFJSX90L	1/2	1/4
5C5X-5RFJSX90S	1/2	1/4
8C5X-8RFJSX90L	3/4	13/32
8C5X-8RFJSX90S	3/4	13/32
10C5-10RFJSX90	7/8	1/2

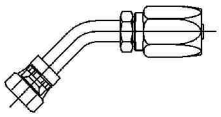
*Manufactured To Order - Minimum Order Quantities May Apply

Straight Female SAE Swivel C5C, C5CXH, C5D & C5M



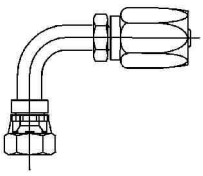
P/Number	Thread	Hose
6C5-6RFSX	5/8	5/16
10C5-12RFSX	1-1/16	1/2
12C5X-12RFSX	1-1/16	5/8

45° Tube Female SAE Swivel C5C, C5CXH, C5D & C5M



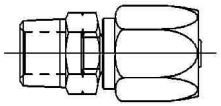
P/Number	Thread	Hose
6C5-6RFSX45	5/8	5/16
12C5X-12RFSX45S	1-1/16	5/8

90° Tube Female SAE Swivel C5C, C5CXH, C5D & C5M



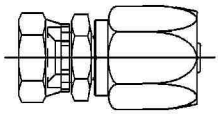
P/Number	Thread	Hose
6C5-6RFSX90	5/8	5/16
12C5X-12RFSX90L	1-1/16	5/8
12C5X-12RFSX90S	1-1/16	5/8

Straight Male NPTF C5E



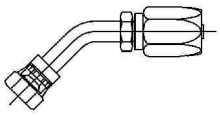
P/Number	Thread	Hose
4C5E-2RMP	1/8	3/16
4C5E-4RMP	1/4	3/16
5C5E-4RMP	1/4	1/4
6C5E-6RMP	3/8	5/16
8C5E-8RMP	1/2	13/32
10C5E-8RMP	1/2	1/2
12C5E-12RMP	3/4	5/8
12C5E-16RMP	1	5/8
16C5E-16RMP	1	7/8

Straight Female JIC Swivel C5E



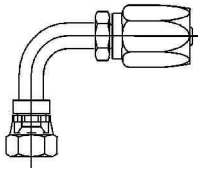
P/Number	Thread	Hose
6C5E-6RFJX	9/16	5/16
12C5E-12RFJX	1-1/16	5/8
16C5E-16RFJX	1-5/16	7/8

45° Tube Female JIC Swivel C5E



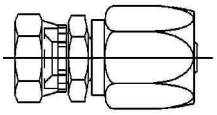
P/Number	Thread	Hose
* 6C5E-6RFJX45	9/16	5/16
* 12C5E-12RFJX45	1-1/16	5/8

90° Tube Female JIC Swivel C5E



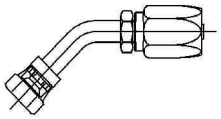
P/Number	Thread	Hose
6C5E-6RFJX90	9/16	5/16
12C5E-12RFJX90	1-1/16	5/8
16C5E-16RFJX90	1-5/16	7/8

Straight Female JIC/SAE Dual Seat Swivel C5E



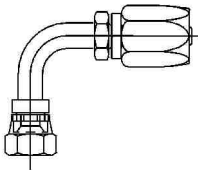
P/Number	Thread	Hose
4C5E-4RFJSX	7/16	3/16
5C5E-5RFJSX	1/2	1/4
8C5E-8RFJSX	3/4	13/32

45° Tube Female JIC/SAE Dual Seat Swivel C5E



P/Number	Thread	Hose
4C5E-4RFJSX45	7/16	3/16
8C5E-8RFJSX45	3/4	13/32
10C5E-10RFJSX45	7/8	1/2

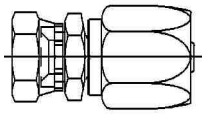
90° Tube Female JIC/SAE Dual Seat Swivel C5E



P/Number	Thread	Hose
4C5E-4RFJSX90	7/16	3/16
8C5E-8RFJSX90	3/4	13/32
10C5E-10RFJSX90	7/8	1/2

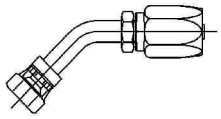
*Manufactured To Order - Minimum Order Quantities May Apply

Straight Female SAE Swivel C5E



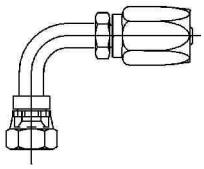
P/Number	Thread	Hose
6C5E-6RFSX	5/8	5/16

45° Tube Female SAE Swivel C5E



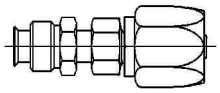
P/Number	Thread	Hose
6C5E-6RFSX45	5/8	5/16

90° Tube Female SAE Swivel C5E



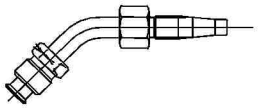
P/Number	Thread	Hose
6C5E-6RFSX90	5/8	5/16

Straight Male SAE Inverted Flare C5E



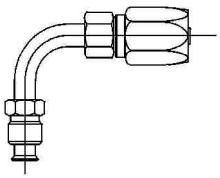
P/Number	Thread	Hose
4C5E-4RMIX	7/16	3/16
5C5E-5RMIX	1/2	1/4
6C5E-6RMIX	5/8	5/16
8C5E-8RMIX	3/4	13/32

45° Tube Male SAE Inverted Flare C5E



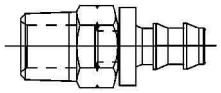
P/Number	Thread	Hose
6C5E-6RMIX45	5/8	5/16
8C5E-8RMIX45	3/4	13/32

90° Tube Male SAE Inverted Flare C5E



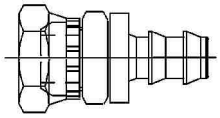
P/Number	Thread	Hose
4C5E-4RMIX90	7/16	3/16
5C5E-5RMIX90	1/2	1/4
6C5E-6RMIX90	5/8	5/16
8C5E-8RMIX90	3/4	13/32

Straight Male BSPT LOL/LOC



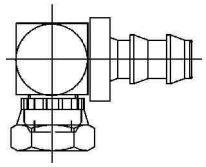
P/Number	Thread	Hose
LMB-0204	1/8	1/4
LMB-0205	1/8	5/16
LMB-0404	1/4	1/4
LMB-0405	1/4	5/16
LMB-0406	1/4	3/8
LMB-0604	3/8	1/4
LMB-0606	3/8	3/8
LMB-0608	3/8	1/2
LMB-0806	1/2	3/8
LMB-0808	1/2	1/2
LMB-1212	3/4	3/4

Straight Female BSPP Swivel LOL/LOC



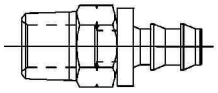
P/Number	Thread	Hose
LFB-0204	1/8	1/4
LFB-0404	1/4	1/4
LFB-0405	1/4	5/16
LFB-0604	3/8	1/4
LFB-0606	3/8	3/8
LFB-0608	3/8	1/2
LFB-0806	1/2	3/8
LFB-0808	1/2	1/2
LFB-0810	1/2	5/8
LFB-1212	3/4	3/4

90° Female BSPP Swivel LOL/LOC



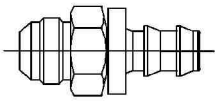
P/Number	Thread	Hose
LFB90C-0404	1/4	1/4
LFB90C-0405	1/4	5/16
* LFB90C-0604	3/8	1/4
LFB90C-0606	3/8	3/8
LFB90C-0808	1/2	1/2
LFB90C-1212	3/4	3/4

Straight Male NPTF LOL/LOC



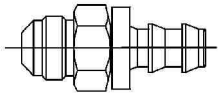
P/Number	Thread	Hose
LMN-0204	1/8	1/4
LMN-0205	1/8	5/16
* LMN-0404	1/4	1/4
* LMN-0406	1/4	3/8
* LMN-0606	3/8	3/8
* LMN-0808	1/2	1/2

Straight Male JIC LOL/LOC



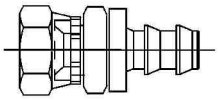
P/Number	Thread	Hose
* LMJ-0704	7/16	1/4
* LMJ-0804	1/2	1/4
* LMJ-0904	9/16	1/4
* LMJ-0906	9/16	3/8
* LMJ-1206	3/4	3/8
* LMJ-1208	3/4	1/2
* LMJ-1408	7/8	1/2
LMJ-1410	7/8	5/8
LMJ-1712	1-1/16	3/4

Straight Male SAE LOL/LOC



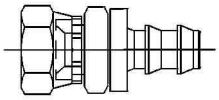
P/Number	Thread	Hose
LMS-0704	7/16	1/4
LMS-0806	1/2	3/8

Straight Female JIC LOL/LOC



P/Number	Thread	Hose
LFJ-0904	9/16	1/4
LFJ-0906	9/16	3/8
LFJ-1212	3/4	3/4
LFJ-1712	1-1/16	3/4

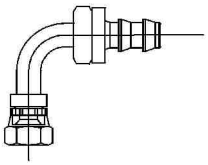
Straight Female JIC/SAE Dual Seat Swivel LOL/LOC



P/Number	Thread	Hose
LFJS-0704	7/16	1/4
LFJS-0804	1/2	1/4
LFJS-0805	1/2	5/16
LFJS-1206	3/4	3/8
LFJS-1208	3/4	1/2
LFJS-1408	7/8	1/2
LFJS-1410	7/8	5/8

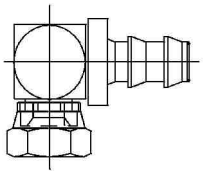
*Manufactured To Order - Minimum Order Quantities May Apply

90° Tube Female JIC Swivel LOL/LOC



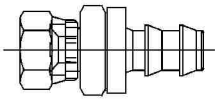
P/Number	Thread	Hose
LFJ90-0906	9/16	3/8
LFJ90-1206	3/4	3/8
LFJ90-1208	3/4	1/2
LFJ90-1408	7/8	1/2
LFJ90-1712	1-1/16	3/4

90° Close Female JIC Swivel LOL/LOC



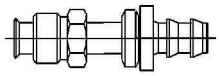
P/Number	Thread	Hose
LFJ90C-0704	7/16	1/4
LFJ90C-0904	9/16	1/4
LFJ90C-0906	9/16	3/8
LFJ90C-1206	3/4	3/8
LFJ90C-1208	3/4	1/2
LFJ90C-1712	1-1/16	3/4

Straight Female SAE LOL/LOC



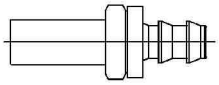
P/Number	Hose	Hose
LFS-1006	5/8	3/8

Straight Male SAE Inverted Flare LOL/LOC



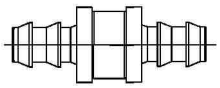
P/Number	Thread	Hose
LMIX-0704	7/16	1/4
* LMIX-0804	1/2	1/4
LMIX-1006	5/8	3/8

Standpipe LOL/LOC



P/Number	Hose	Hose
* LSP-0404	1/4	1/4
LSP-0504	5/16	1/4
* LSP-0606	3/8	3/8
* LSP-0808	1/2	1/2
LSP-15M08	15mm	1/2

Hose Joiner LOL/LOC

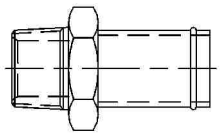


P/Number	Hose	Hose
LHJ-0404	1/4	1/4
LHJ-0505	5/16	5/16
LHJ-0606	3/8	3/8
LHJ-0806	1/2	3/8
LHJ-0808	1/2	1/2
LHJ-1010	5/8	5/8
LHJ-1212	3/4	3/4

*Manufactured To Order - Minimum Order Quantities May Apply

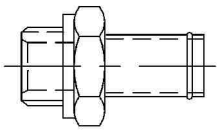
Section 2
Clamp-On Suction Hose Tails

Clamp-on Hosetail M/M BSPT x Tail



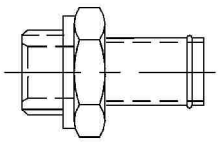
P/Number	Thread	Hose
CB4-0404	1/4	1/4
CB4-0406	1/4	3/8
CB4-0408	1/4	1/2
CB4-0604	3/8	1/4
CB4-0606	3/8	3/8
CB4-0608	3/8	1/2
CB4-0610	3/8	5/8
CB4-0806	1/2	3/8
CB4-0808	1/2	1/2
CB4-0810	1/2	5/8
CB4-0812	1/2	3/4
CB4-0816	1/2	1
CB4-1212	3/4	3/4
CB4-1216	3/4	1
CB4-1220	3/4	1-1/4
CB4-1612	1	3/4
CB4-1616	1	1
CB4-1620	1	1-1/4
CB4-1624	1	1-1/2
CB4-2016	1-1/4	1
CB4-2020	1-1/4	1-1/4
CB4-2024	1-1/4	1-1/2
CB4-2420	1-1/2	1-1/4
CB4-2424	1-1/2	1-1/2
CB4-2432	1-1/2	2
CB4-2440	1-1/2	2-1/2
CB4-3232	2	2
* CB4-3240	2	2-1/2
* CB4-4040	2-1/2	2-1/2

Clamp-on Hosetail M/M BSPP x Tail



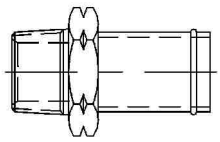
P/Number	Thread	Hose
CP4-0612	3/8	3/4
CP4-0812	1/2	3/4
CP4-0816	1/2	1
CP4-0820	1/2	1-1/4
CP4-1212	3/4	3/4
CP4-1216	3/4	1
CP4-1220	3/4	1-1/4
CP4-1224	3/4	1-1/2
CP4-1616	1	1
CP4-1620	1	1-1/4
CP4-1624	1	1-1/2
CP4-2016	1-1/4	1
CP4-2020	1-1/4	1-1/4
CP4-2024	1-1/4	1-1/2
CP4-2032	1-1/4	2
CP4-2424	1-1/2	1-1/2
CP4-2432	1-1/2	2
CP4-3232	2	2

Clamp-on Hosetail M/M Metric x Tail



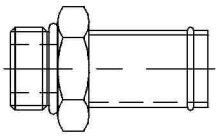
P/Number	Thread	Hose
CM4-3316	M33	1
CM4-3324	M33	1-1/2

Clamp-on Hosetail M/M NPTF x Tail



P/Number	Thread	Hose
CN4-0404	1/4	1/4
CN4-0406	1/4	3/8
CN4-0606	3/8	3/8
CN4-0608	3/8	1/2
CN4-0610	3/8	5/8
* CN4-0808	1/2	1/2
CN4-0810	1/2	5/8
CN4-1212	3/4	3/4
CN4-1216	3/4	1
CN4-1616	1	1
CN4-1620	1	1-1/4
CN4-1624	1	1-1/2
CN4-1626	1	1-5/8
CN4-2020	1-1/4	1-1/4
CN4-2024	1-1/4	1-1/2
CN4-2416	1-1/2	1
CN4-2420	1-1/2	1-1/4
CN4-2424	1-1/2	1-1/2
CN4-2432	1-1/2	2
CN4-3232	2	2

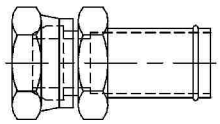
Clamp-on Hosetail M/M S.A.E. 'O' Ring Boss x Tail



P/Number	Thread	Hose
* C5-1208	3/4	1/2
C5-1212	3/4	3/4
C5-1408	7/8	1/2
C5-1412	7/8	3/4
C5-1420	7/8	1-1/4
* C5-1712	1-1/16	3/4
C5-1716	1-1/16	1
C5-1720	1-1/16	1-1/4
* C5-2112	1-5/16	3/4
C5-2116	1-5/16	1
C5-2120	1-5/16	1-1/4
C5-2124	1-5/16	1-1/2
C5-2620	1-5/8	1-1/4
C5-2624	1-5/8	1-1/2
C5-3024	1-7/8	1-1/2
C5-3032	1-7/8	2

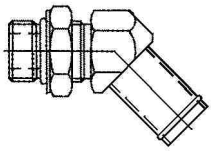
*Manufactured To Order - Minimum Order Quantities May Apply

Clamp-on Hosetail F/M BSPP x Tail



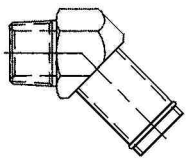
P/Number	Thread	Hose
CB5-1212	3/4	3/4
CB5-1616	1	1
CB5-2020	1-1/4	1-1/4

Clamp-on Hosetail 45° Elbow. M/M S.A.E. 'O' Ring Boss x Tail



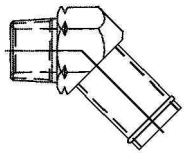
	P/Number	Thread	Hose
	C41-1212	3/4	3/4
*	C41-1408	7/8	1/2
	C41-1716	1-1/16	1
*	C41-2116	1-5/16	1
*	C41-2120	1-5/16	1-1/4
*	C41-2124	1-5/16	1-1/2
*	C41-2620	1-5/8	1-1/4
*	C41-2624	1-5/8	1-1/2

Clamp-on Hosetail 45° Elbow. M/M BSPT x Tail



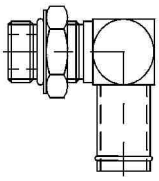
P/Number	Thread	Hose
CB41-0808	1/2	1/2
CB41-0812	1/2	3/4
CB41-1212	3/4	3/4
CB41-1216	3/4	1
CB41-1616	1	1
CB41-1620	1	1-1/4
CB41-2020	1-1/4	1-1/4
CB41-2024	1-1/4	1-1/2

Clamp-on Hosetail 45° Elbow. M/M NPTF x Tail



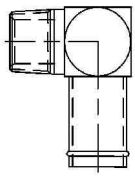
	P/Number	Thread	Hose
*	CN41-0608	1/2	3/4
*	CN41-0812	1/2	3/4
	CN41-1212	3/4	3/4
	CN41-1216	3/4	1
	CN41-1220	3/4	1-1/4
	CN41-1616	1	1
	CN41-1620	1	1-1/4
*	CN41-2020	1-1/4	1-1/4

Clamp-on Hosetail 90° Elbow M/M S.A.E. 'O' Ring Boss x Tail



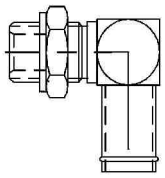
	P/Number	Thread	Hose
*	C60-0905	9/16	5/16
*	C60-0906	9/16	3/8
*	C60-0908	9/16	1/2
	C60-1208	3/4	1/2
	C60-1210	3/4	5/8
	C60-1212	3/4	3/4
	C60-1412	7/8	3/4
*	C60-1416	7/8	1
	C60-1420	7/8	1-1/4
*	C60-1710	1-1/16	5/8
	C60-1712	1-1/16	3/4
	C60-1716	1-1/16	1
	C60-1720	1-1/16	1-1/4
	C60-1724	1-1/16	1-1/2
	C60-2112	1-5/16	3/4
	C60-2116	1-5/16	1
	C60-2120	1-5/16	1-1/4
	C60-2124	1-5/16	1-1/2
	C60-2620	1-5/8	1-1/4
	C60-2624	1-5/8	1-1/2
	C60-3024	1-7/8	1-1/2

Clamp-on Hosetail 90° Elbow M/M BSPT x Tail



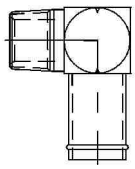
	P/Number	Thread	Hose
	CB60-0204	1/8	1/4
*	CB60-0404	1/4	1/4
	CB60-0405	1/4	5/16
	CB60-0406	1/4	3/8
*	CB60-0606	3/8	3/8
*	CB60-0608	3/8	1/2
	CB60-0610	3/8	5/8
	CB60-0612	3/8	3/4
	CB60-0806	1/2	3/8
	CB60-0808	1/2	1/2
*	CB60-0810	1/2	5/8
	CB60-0812	1/2	3/4
*	CB60-1208	3/4	1/2
	CB60-1212	3/4	3/4
	CB60-1216	3/4	1
	CB60-1220	3/4	1-1/4
	CB60-1612	1	3/4
	CB60-1616	1	1
	CB60-1620	1	1-1/4
	CB60-1624	1	1-1/2
*	CB60-2012	1-1/4	1
	CB60-2016	1-1/4	1
	CB60-2020	1-1/4	1-1/4
	CB60-2024	1-1/4	1-1/2
	CB60-2032	1-1/4	2
	CB60-2420	1-1/2	1-1/4
	CB60-2424	1-1/2	1-1/2
	CB60-2432	1-1/2	1-1/2
	CB60-3232	2	2

Clamp-on Hosetail 90° Elbow M/M BSPP x Tail



P/Number	Thread	Hose
CP60-0608	3/8	1/2
CP60-0612	3/8	3/4
CP60-0812	1/2	3/4
CP60-0816	1/2	1
CP60-1212	3/4	3/4
CP60-1216	3/4	1
CP60-1220	3/4	1-1/4
CP60-1612	1	3/4
CP60-1616	1	1
CP60-1620	1	1-1/4
CP60-1624	1	1-1/2
CP60-1632	1	2
CP60-2016	1-1/4	1
CP60-2020	1-1/4	1-1/4
CP60-2024	1-1/4	1-1/2
CP60-2032	1-1/4	2
CP60-2424	1-1/2	1-1/2
CP60-2432	1-1/2	2

Clamp-on Hosetail 90° Elbow M/M NPTF x Tail



	P/Number	Thread	Hose
	CN60-0404	1/4	1/4
	CN60-0406	1/4	3/8
	CN60-0408	1/4	1/2
	CN60-0410	1/4	5/8
	CN60-0606	3/8	3/8
	CN60-0608	3/8	1/2
	CN60-0610	3/8	5/8
	CN60-0612	3/8	3/4
	CN60-0808	1/2	1/2
	CN60-0812	1/2	3/4
*	CN60-1212	3/4	3/4
	CN60-1216	3/4	1
*	CN60-1612	1	3/4
	CN60-1616	1	1
*	CN60-1620	1	1-1/4
*	CN60-1624	1	1-1/2
*	CN60-2016	1-1/4	1
	CN60-2020	1-1/4	1-1/4
	CN60-2024	1-1/4	1-1/2
	CN60-2424	1-1/2	1-1/2
	CN60-2432	1-1/2	2

*Manufactured To Order - Minimum Order Quantities May Apply

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SUPER-CRIMP (2-PIECE) COUPLINGS ("S" SERIES)
To suit Gates hose types:
EFG4K, EFG4K-MTF, EFG3K, EFG3K-MTF, M4K, M4K-MTF/XTF,
M3K, M3K-MTF/XTF, M2T, M2T-MTF/XTF, CM2TDL-XTF,
G2, G2H, J2AT, J2AT-MTF, G1, C3H, C5C, C5CXH, C5E, GMV, TH7, TH7NC

FNP Ferrule to suit G1 and G2 Hose 3.6
FN3P Ferrule to suit M3K Hose 3.6
FN4P Ferrule to suit M4K Hose 3.6
FSP Ferrule to suit C5C, C5E, GMV, C3H & TH7 Hose; Skive & Non-Skive 3.6
FNM2P Ferrule to suit M2T Hose 3.6
FNT Ferrule to suit AFX2000 series Teflon hose 3.6
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FSS Ferrule to suit C12 Hose; Skive 3.6

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SMBX Straight Male BSPT Swivel 3.7
SMBX90C 90° Close Male BSPT Swivel 3.7

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SFJ90L 90° Tube Style Female J.I.C. Long Swivel 3.8
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SFK45 45° Female METRIC JAPANESE JIS B8363 Swivel 30° Cone Seat 3.9
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SFNF Straight Female N.P.T.F. Fixed 3.10

SHJ Hose Joiner 3.10
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SFS Straight Female S.A.E. Swivel 3.10
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Section 3
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SFDKO45 ..... 45° Female DIN Heavy Series O-Ring Seal Swivel 3.11
SFDKO90 ..... 90° Female DIN Heavy Series O-Ring Seal Swivel 3.11
SMDKS ..... Straight Male DIN Heavy Series 3.11
SFDKL ..... Straight Female DIN Light Series Universal Cone Seat 24°/60° Swivel 3.11
SFDKL45 ..... 45° Tube Style Female DIN Light Series Universal Cone Seat 24°/60° Swivel Swivel 3.11
SFDKL90 ..... 90° Tube Style Female DIN Light Series Universal Cone Seat 24°/60° Swivel Swivel 3.12
SMDKL ..... Straight Male DIN Light Series 3.12
SMGAZ ..... Straight Male French Series 3.12
SFGAZ ..... Straight Female French Series 3.12

SSS ..... Straight Male STAPLE LOCK System 3.12

SUPER-CRIMP (2-PIECE) COUPLINGS ("S" SERIES)

SFL ..... Straight S.A.E. O-Ring Flange Code 61 ..... 3.13
SFLK ..... Straight Komatsu O-Ring Flange 3.13
SFL22 ..... 22-1/2° S.A.E. O-Ring Flange Code 61 ..... 3.13
SFL30 ..... 30° S.A.E. O-Ring Flange Code 61 ..... 3.13
SFL45 ..... 45° S.A.E. O-Ring Flange Code 61 ..... 3.13
SFLK45 ..... 45° Komatsu O-Ring Flange 3.13
SFL60 ..... 60° S.A.E. O-Ring Flange Code 61 ..... 3.13
SFL67 ..... 67° S.A.E. O-Ring Flange Code 61 ..... 3.13
SFL90 ..... 90° S.A.E. O-Ring Flange Code 61 ..... 3.14
SFLK90 ..... 90° Komatsu O-Ring Flange 3.14
SFL90L ..... 90° S.A.E. O-Ring Flange Long Drop Code 61 ..... 3.14
SFL110 ..... 110° S.A.E. O-Ring Flange Code 61 ..... 3.14
SFL135 ..... 135° S.A.E. O-Ring Flange Code 61 ..... 3.14
SFLH ..... Straight S.A.E. O-Ring Flange Code 62 ..... 3.14
SFLH45 ..... 45° S.A.E. O-Ring Flange Code 62 ..... 3.14
SFLH90 ..... 90° S.A.E. O-Ring Flange Code 62 ..... 3.14

HAMMER-CRIMP (2-PIECE) COUPLINGS

FNH ..... Ferrule to suit EFG4K; Hammer-Crimp 3.15
HFB ..... Straight Female Hammer Coupling 3.15

EZI-CRIMP (1-PIECE) COUPLINGS ("E" SERIES)

EMB ..... Straight Male BSPT 3.15
EMR ..... Straight Male BSP.P Encapsulated Seal 3.15
EFB ..... Straight Female BSPP Swivel 3.15
EFB90 ..... 90° Tube Style Female BSPP Swivel 3.15
EFB90C ..... 90° Close Female BSPP Swivel 3.15
EMNL ..... Straight Male NPT (suit Porta-Power hoses) 3.15
EMJ ..... Straight Male J.I.C. 3.15
EFJ ..... Straight Female J.I.C. Swivel 3.16
EFJ45 ..... 45° Close Female J.I.C. Swivel 3.16
EFJ90 ..... 90° Tube Style Female J.I.C. Swivel 3.16
EFJ90L ..... 90° Tube Style Female J.I.C. Swivel Long Drop 3.16
EFJ90C ..... 90° Close Style Female J.I.C. Swivel 3.16

Contents

Part No. Description Page

EZI-CRIMP (1-PIECE) COUPLINGS ("E" SERIES) Cont'd

EFFO Straight Female Flat Face O-Ring (ORFS) Swivel 3.16
EFFO45 45° Tube Style Female Flat Face O-Ring (ORFS) Swivel 3.16
EFFO90 90° Tube Style Female Flat Face O-Ring (ORFS) Swivel 3.16

MEGA-CRIMP (1-PIECE) COUPLINGS

G-MP Straight Male N.P.T.F. 3.17
G-MPLN Straight Male N.P.T.F. Long 3.17
G-MPX Straight Male N.P.T.F. Swivel 3.17
G-FP Straight Female N.P.T.F. Fixed 3.17

G-MB Straight Male S.A.E. O-Ring Boss 3.17

G-MJ Straight Male J.I.C. 3.17
G-FJX Straight Female J.I.C. Swivel 3.17
G-FJX45 45° Tube Style Female J.I.C. Swivel 3.18
G-FJX90 90° Tube Style Female J.I.C. Swivel 3.18

G-MS Straight Male S.A.E. 3.18
G-FSX Straight Female S.A.E. Swivel 3.18
G-FSX45 45° Tube Style Female S.A.E. Swivel 3.18
G-FSX90 90° Tube Style Female S.A.E. Swivel 3.18

G-MFFOR Straight Male Flat Face O-Ring (ORFS) 3.18
G-FFORX Straight Female Flat Face O-Ring (ORFS) Swivel 3.18
G-FFORX45 45° Tube Style Female Flat Face O-Ring (ORFS) Swivel 3.19
G-FFORX90 90° Tube Style Female Flat Face O-Ring (ORFS) Swivel 3.19

G-MIX Straight Male S.A.E. Swivel 3.19
G-MIX45 45° Tube Style Male S.A.E. Swivel 3.19
G-MIX90 90° Tube Style Male S.A.E. Swivel 3.19

G-MFA Straight Male Flareless Assembly 3.19
G-BSPBJ Straight BSP Banjo 3.19
G-DBJ Straight Metric Banjo 3.19

G-MDL Straight Male DIN Light Series 3.20
G-FDLORX Straight Female DIN Swivel Light Series 3.20
G-FDLORX45 45° Tube Style Female DIN Swivel Light Series 3.20
G-FDLORX90 90° Tube Style Female DIN Swivel Light Series 3.20

G-MDH Straight Male DIN Heavy Series 3.20
G-FDHORX Straight Female DIN Swivel Heavy Series 3.20
G-FDHORX45 45° Tube Style Female DIN Swivel Heavy Series 3.21
G-FDHORX90 90° Tube Style Female DIN Swivel Heavy Series 3.21

G-MBSPT Straight Male BSPT 3.21
G-MBSPP Straight Male BSPP 3.21
G-FBSPORX Straight Female BSPP Swivel 3.21
G-FBSPORX45 45° Tube Style Female BSPP Swivel 3.21
G-FBSPORX90 90° Tube Style Female BSPP Swivel 3.21
G-FBSPORX90BL 90° Compact Style Female BSPP Swivel 3.21

G-FL Straight S.A.E. O-Ring Flange Code 61 3.21
G-FL45 45° Tube Style S.A.E. O-Ring Flange Code 61 3.22
G-FL90 90° Tube Style S.A.E. O-Ring Flange Code 61 3.22

Section 3
Permanent Crimp Couplings

Contents

Part No. ..... Description ..... Page

MEGA-CRIMP (1-PIECE) COUPLINGS Cont'd

G-FLK ..... Straight Komatsu O-Ring Flange 3.22
G-FLK45 ..... 45° Tube Style Komatsu O-Ring Flange 3.22
G-FLK90 ..... 90° Tube Style Komatsu O-Ring Flange 3.22

G-FKX ..... Straight Female Komatsu Metric Swivel 3.22
G-FKX45 ..... 45° Tube Style Female Komatsu Metric Swivel 3.22

G-FJISX ..... Straight Female JIS Swivel 3.22

GLOBAL-CRIMP (2-PIECE) COUPLINGS ("GS" & "GSP" SERIES)

GS1F ..... Global Spiral Ferrules (Non-Skive) 3.23
MB ..... Male O-Ring Boss 3.23
MP ..... Male Pipe NPTF 30° Cone Seat 3.23

MBSPP ..... Male British Standard Pipe Parallel 3.23
FBSPORX ..... Female British Standard Pipe Parallel O-Ring Swivel 3.23
FBSPORX45 ..... Female British Standard Pipe Parallel O-Ring Swivel 45° Bent Tube 3.23
FBSPORX90 ..... Female British Standard Pipe Parallel O-Ring Swivel 90° Bent Tube 3.23

MJ ..... Male JIC 37° Flare 3.23
FJX ..... Female JIC 37° Flare Swivel 3.24
FJX45 ..... Female JIC 37° Flare Swivel 45° Bent Tube 3.24
FJX90 ..... Female JIC 37° Flare Swivel 90° Bent Tube 3.24

MFFOR ..... Male Flat Face O-Ring 3.24
FFORX ..... Female Flat Face Swivel 3.24
FFORX45 ..... Female Flat Face Swivel 45° Bent Tube 3.24
FFORX90 ..... Female Flat Face Swivel 90° Bent Tube 3.25

MDH ..... Male 24° Cone Heavy Series 3.25
FDHORX ..... Female DIN 24° Cone Swivel Heavy Series With O-Ring 3.25
FDHORX45 ..... Female DIN 24° Cone Swivel Heavy Series With O-Ring 45° Bent Tube 3.25
FDHORX90 ..... Female DIN 24° Cone Swivel Heavy Series With O-Ring 90° Bent Tube 3.25

FL ..... Code 61 O-Ring Flange 3.26
FL22 ..... Code 61 O-Ring Flange 22.5° Bent Tube 3.26
FL30 ..... Code 61 O-Ring Flange 30° Bent Tube 3.26
FL45 ..... Code 61 O-Ring Flange 45° Bent Tube 3.26
FL60 ..... Code 61 O-Ring Flange 60° Bent Tube 3.26
FL67 ..... Code 61 O-Ring Flange 67.5° Bent Tube 3.26
FL90 ..... Code 61 O-Ring Flange 90° Bent Tube 3.26
FL110 ..... Code 61 O-Ring Flange 110° Bent Tube 3.26

FLH ..... Code 62 O-Ring Flange Heavy 3.27
FLH22 ..... Code 62 O-Ring Flange Heavy 22.5° Bent Tube 3.27
FLH30 ..... Code 62 O-Ring Flange Heavy 30° Bent Tube 3.27
FLH45 ..... Code 62 O-Ring Flange Heavy 45° Bent Tube 3.27
FLH60 ..... Code 62 O-Ring Flange Heavy 60° Bent Tube 3.27
FLH90 ..... Code 62 O-Ring Flange Heavy 90° Bent Tube 3.27

Contents

Part No. Description Page

GLOBAL-CRIMP (1-PIECE) COUPLINGS ("GSH" & "GSM" SERIES) Cont'd

FLC Caterpillar Style O-Ring Flange 3.28
FLC22 Caterpillar Style O-Ring Flange 22.5° Bent Tube 3.28
FLC30 Caterpillar Style O-Ring Flange 30° Bent Tube 3.28
FLC45 Caterpillar Style O-Ring Flange 45° Bent Tube 3.28
FLC60 Caterpillar Style O-Ring Flange 60° Bent Tube 3.28
FLC67 Caterpillar Style O-Ring Flange 67.5° Bent Tube 3.28
FLC90 Caterpillar Style O-Ring Flange 90° Bent Tube 3.28

GSM-MP Male Pipe NPTF 30° Cone Seat 3.29
GSM-MJ Male JIC 37° Flare 3.29

GSM-FJX Female JIC 37° Flare Swivel 3.29
GSM-FJX45 Female JIC 37° Flare Swivel 45° Bent Tube 3.29
GSM-FJX90 Female JIC 37° Flare Swivel 90° Bent Tube 3.29

GSM-FBSPORX Female BSPP Swivel 3.29
GSM-FFORX Female Flat Face Swivel (4000psi limited) 3.29
GSM-FFORX45 Female Flat Face Swivel 45° Bent Tube (4000psi limited) 3.29
GSM-FFORX90 Female Flat Face Swivel 90° Bent Tube (4000psi limited) 3.29

GSM-FDHORX Female DIN 24° Cone Swivel Heavy Series with O-Ring 3.29
GSM-FDHORX45 Female DIN 24° Cone Swivel Heavy Series with O-Ring 45° Bent Tube 3.29
GSM-FDHORX90 Female DIN 24° Cone Swivel Heavy Series with O-Ring 90° Bent Tube 3.29

GSM-FL Code 61 O-Ring Flange 3.30
GSM-FL30 Code 61 O-Ring Flange 30° Bent Tube 3.30
GSM-FL45 Code 61 O-Ring Flange 45° Bent Tube 3.30
GSM-FL60 Code 61 O-Ring Flange 60° Bent Tube 3.30
GSM-FL90 Code 61 O-Ring Flange 90° Bent Tube 3.30

GSM-FLH Code 62 O-Ring Flange Heavy 3.30
GSM-FLH22 Code 62 O-Ring Flange Heavy 22.5° Bent Tube 3.27
GSM-FLH30 Code 62 O-Ring Flange Heavy 30° Bent Tube 3.30
GSM-FLH45 Code 62 O-Ring Flange Heavy 45° Bent Tube 3.30
GSM-FLH60 Code 62 O-Ring Flange Heavy 60° Bent Tube 3.30
GSM-FLH90 Code 62 O-Ring Flange Heavy 90° Bent Tube 3.30

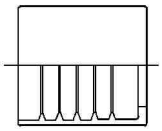
GSM-FLC Caterpillar Style O-Ring Flange 3.31
GSM-FLC22 Caterpillar Style O-Ring Flange 22.5° Bent Tube 3.31
GSM-FLC30 Caterpillar Style O-Ring Flange 30° Bent Tube 3.31
GSM-FLC45 Caterpillar Style O-Ring Flange 45° Bent Tube 3.31
GSM-FLC60 Caterpillar Style O-Ring Flange 60° Bent Tube 3.31
GSM-FLC90 Caterpillar Style O-Ring Flange 90° Bent Tube 3.31

VACU-CRIMP (1-PIECE) COUPLINGS ("GL" SERIES)

FL Code 61 O-Ring Flange 3.32
FL22 Code 61 O-Ring Flange 22.5° Bent Tube 3.32
FL30 Code 61 O-Ring Flange 30° Bent Tube 3.32
FL45 Code 61 O-Ring Flange 45° Bent Tube 3.32
FL60 Code 61 O-Ring Flange 60° Bent Tube 3.32
FL67 Code 61 O-Ring Flange 67.5° Bent Tube 3.32
FL90 Code 61 O-Ring Flange 90° Bent Tube 3.32

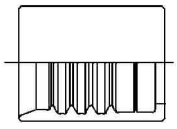
Section 3
Super-Crimp Couplings - Two Piece

Super-Crimp Ferrule Suits G2, G2H, G2XH, J2AT, G1,C5C, C5E, GMV



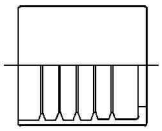
P/Number	Hose
FNP-03	3/16
FNP-04	1/4
FNP-05	5/16
FNP-06	3/8
FNP-08	1/2
FNP-10	5/8
FNP-12	3/4
FNP-16	1
FNP-20	1-1/4
FNP-24	1-1/2
FNP-32	2

Super-Crimp Ferrule Suits M3K, M3K-XTF & M3K-MTF



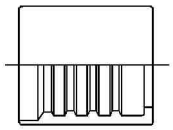
P/Number	Hose
FN3P-04	1/4
FN3P-06	3/8
FN3P-08	1/2
FNP-10	5/8
FNP-12	3/4
FNS-16	1

Super-Crimp Ferrule Suits M4K



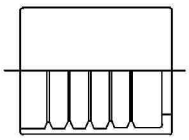
P/Number	Hose
FN4P-04	1/4
FN4P-06	3/8
FNP-08	1/2
FNS-12	3/4

Super-Crimp Ferrule Skive & Non Skive Hose Suits C5C, C5E, GMV, C3H & TH7



P/Number	Hose
FSP-204	1/4
* FSP-205	5/16
FSP-206A	3/8
FSP-206	3/8
FSP-208	1/2
FSP-210	5/8
FSP-212	3/4
FSP-216	1
FSP-220	1-1/4
FSP-424	1-1/2
FSP-432	2

Super-Crimp Ferrule Suits M2T & M2T-MTF

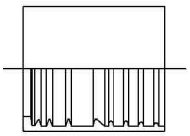


P/Number	Hose
FNP-03 (suits 1/4" bore)	1/4
FNM2P-06	3/8
FNM2P-08	1/2
FNM2P-10	5/8
FNM2P-12	3/4

Super-Crimp Ferrule Suits AFX2000 Series Teflon Hose

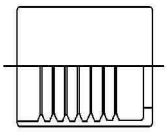
P/Number	Hose
FNT-04	1/4
FNT-06	3/8
FNT-08	1/2
FNT-10	5/8
FNT-12	3/4
FNT-16	1

Super-Crimp Ferrule Suits EFG4K



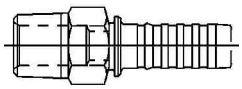
P/Number	Hose
FNS-06	3/8
FNS-08	1/2
FNS-10	5/16
FNS-12	3/4
FNS-16	1
FNS-20	1-1/4
FNS-24	1-1/2
FNS-32	2

Super-Crimp Ferrule Skive Suits C12M, C12 & C12-MTF



P/Number	Hose
FSS-06	3/8
FSS-08	1/2
FSS-12	3/4
FSS-16	1
FSS-20	1-1/4
FSS-24	1-1/2
FSS-32	2

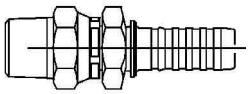
Straight Male BSPT



P/Number	Thread	Hose
SMB-0204	1/8	1/4
SMB-0404	1/4	1/4
SMB-0406	1/4	3/8
SMB-0604	3/8	1/4
SMB-0606	3/8	3/8
SMB-0608	3/8	1/2
SMB-0806	1/2	3/8
SMB-0808	1/2	1/2
SMB-1010	5/8	5/8
SMB-1208	3/4	1/2
SMB-1210	3/4	5/8
SMB-1212	3/4	3/4
SMB-1612	1	3/4
SMB-1616	1	1
SMB-2020	1-1/4	1-1/4
SMB-2424	1-1/2	1-1/2
SMB-3232	2	2

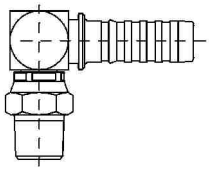
 For stainless steel quote standard part number and add suffix "SS". Enquire for price and availability.

Straight Male BSPT Swivel



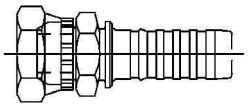
P/Number	Thread	Hose
SMBX-0404	1/4	1/4
SMBX-0604	3/8	1/4
SMBX-0606	3/8	3/8
SMBX-0806	1/2	3/8
SMBX-0808	1/2	1/2

90° Close Male BSPT Swivel



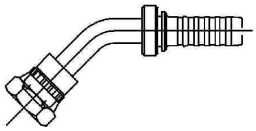
P/Number	Thread	Hose
* SMBX90C-0606	3/8	3/8
SMBX90C-0808	1/2	3/8
SMBX90C-0808	1/2	1/2

Straight Female BSPP Swivel



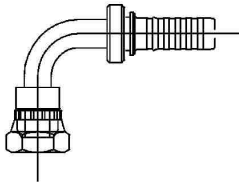
P/Number	Thread	Hose
SFB-0204	1/8	1/4
SFB-0404	1/4	1/4
SFB-0406	1/4	3/8
SFB-0604	3/8	1/4
SFB-0606	3/8	3/8
SFB-0608	3/8	1/2
SFB-0806	1/2	3/8
SFB-0808	1/2	1/2
SFB-1010	5/8	5/8
SFB-1208	3/4	1/2
SFB-1212	3/4	3/4
SFB-1612	1	3/4
SFB-1616	1	1
SFB-1620	1	1-1/4
SFB-2016	1-1/4	1
SFB-2020	1-1/4	1-1/4
SFB-2424	1-1/2	1-1/2
SFB-3232	2	2

45° Tube Female BSPP Swivel



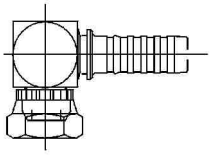
P/Number	Thread	Hose
SFB45-0404	1/4	1/4
SFB45-0606	3/8	3/8
SFB45-0806	1/2	3/8
SFB45-0808	1/2	1/2
SFB45-1010	5/8	5/8
SFB45-1212	3/4	3/4
SFB45-1616	1	1
SFB45-2020	1-1/4	1-1/4
SFB45-2424	1-1/2	1-1/2
SFB45-3232	2	2

90° Tube Female BSPP Swivel



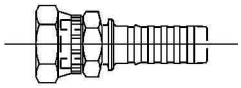
P/Number	Thread	Hose
SFB90-0404	1/4	1/4
SFB90-0604	3/8	1/4
SFB90-0606	3/8	3/8
SFB90-0806	1/2	3/8
SFB90-0808	1/2	1/2
SFB90-1010	5/8	5/8
SFB90-1212	3/4	3/4
SFB90-1616	1	1
SFB90-2020	1-1/4	1-1/4
SFB90-2424	1-1/2	1-1/2
SFB90-3232	2	2

90° Close Female BSPP Swivel



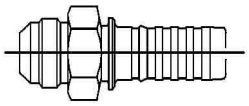
P/Number	Thread	Hose
SFB90C-0404	1/4	1/4
SFB90C-0606	3/8	3/8
SFB90C-0808	1/2	1/2
SFB90C-1212	3/4	3/4
SFB90C-1616	1	1

Straight Female BSPP Swivel Flat Seat



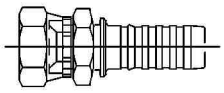
P/Number	Thread	Hose
SFBZ-0606	3/8	3/8
SFBZ-0806	1/2	3/8
SFBZ-0808	1/2	1/2
* SFBZ-1212	3/4	3/4

Straight Male JIC



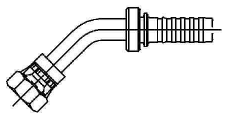
P/Number	Thread	Hose
SMJ-0704	7/16	1/4
SMJ-0804	1/2	1/4
SMJ-0904	9/16	1/4
SMJ-0906	9/16	3/8
SMJ-1206	3/4	3/8
SMJ-1208	3/4	1/2
SMJ-1408	7/8	1/2
SMJ-1410	7/8	5/8
SMJ-1708	1-1/16	1/2
SMJ-1710	1-1/16	5/8
SMJ-1712	1-1/16	3/4
SMJ-2112	1-5/16	3/4
SMJ-2116	1-5/16	1
SMJ-2616	1-5/8	1
SMJ-2620	1-5/8	1-1/4
SMJ-3024	1-7/8	1-1/2
* SMJ-4032	2-1/2	2

Straight Female JIC Swivel



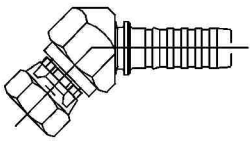
P/Number	Thread	Hose
PFJ-0703	7/16	3/16
SFJ-0704	7/16	1/4
SFJ-0804	1/2	1/4
SFJ-0904	9/16	1/4
PFJ-0905	9/16	5/16
SFJ-0906	9/16	3/8
SFJ-0908	9/16	1/2
* SFJ-1204	3/4	1/4
SFJ-1206	3/4	3/8
SFJ-1208	3/4	1/2
SFJ-1210	3/4	5/8
SFJ-1406	7/8	3/8
SFJ-1408	7/8	1/2
SFJ-1410	7/8	5/8
SFJ-1412	7/8	3/4
SFJ-1708	1-1/16	1/2
SFJ-1710	1-1/16	5/8
SFJ-1712	1-1/16	3/4
SFJ-1716	1-1/16	1
SFJ-1912	1-3/16	3/4
SFJ-2112	1-5/16	3/4
SFJ-2116	1-5/16	1
SFJ-2120	1-5/16	1-1/4
SFJ-2616	1-5/8	1
SFJ-2620	1-5/8	1-1/4
SFJ-3024	1-7/8	1-1/2
SFJ-4032	2-1/2	2

45° Tube Female JIC Swivel



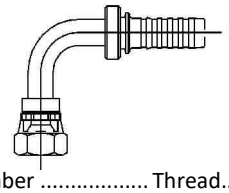
P/Number	Thread	Hose
SFJ45-0704	7/16	1/4
SFJ45-0804	1/2	1/4
SFJ45-0904	9/16	1/4
SFJ45-0906	9/16	3/8
SFJ45-1206	3/4	3/8
SFJ45-1208	3/4	1/2
SFJ45-1408	7/8	1/2
SFJ45-1410	7/8	5/8
SFJ45-1412	7/8	3/4
SFJ45-1710	1-1/16	5/8
SFJ45-1712	1-1/16	3/4
SFJ45-1912	1-3/16	3/4
SFJ45-2112	1-5/16	3/4
SFJ45-2116	1-5/16	1
SFJ45-2620	1-5/8	1-1/4
SFJ45-3024	1-7/8	1-1/2
SFJ45-4032	2-1/2	2

45° Close Female JIC Swivel



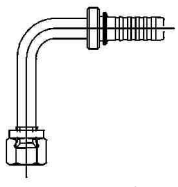
P/Number	Thread	Hose
SFJ45C-0704	7/16	1/4
SFJ45C-0904	9/16	1/4
SFJ45C-1408	7/8	1/2
SFJ45C-1712	1-1/16	3/4

90° Tube Female JIC Swivel



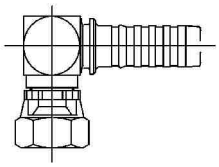
P/Number	Thread	Hose
SFJ90-0704	7/16	1/4
SFJ90-0804	1/2	1/4
SFJ90-0904	9/16	1/4
SFJ90-0906	9/16	3/8
SFJ90-1206	3/4	3/8
SFJ90-1208	3/4	1/2
SFJ90-1406	7/8	3/8
SFJ90-1408	7/8	1/2
SFJ90-1410	7/8	5/8
SFJ90-1412	7/8	3/4
SFJ90-1708	1-1/16	1/2
SFJ90-1710	1-1/16	5/8
SFJ90-1712	1-1/16	3/4
SFJ90-1912	1-3/16	3/4
SFJ90-2112	1-5/16	3/4
SFJ90-2116	1-5/16	1
SFJ90-2620	1-5/8	1-1/4
SFJ90-3024	1-7/8	1-1/2
SFJ90-4032	2-1/2	2

90° Tube Female JIC Long Swivel



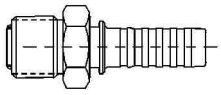
P/Number	Thread	Hose
SFJ90L-0704	7/16	1/4
SFJ90L-0904	9/16	1/4
SFJ90L-0906	9/16	3/8
SFJ90L-1206	3/4	3/8
SFJ90L-1208	3/4	1/2
SFJ90L-1408	7/8	1/2
SFJ90L-1712	1-1/16	3/4
SFJ90L-2116	1-5/16	1

90° Close Female JIC Swivel



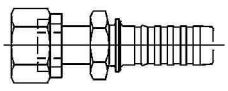
P/Number	Thread	Hose
SFJ90C-0704	7/16	1/4
SFJ90C-0904	9/16	1/4
SFJ90C-0906	9/16	3/8
SFJ90C-1206	3/4	3/8
SFJ90C-1208	3/4	1/2
SFJ90C-1408	7/8	1/2
SFJ90C-1712	1-1/16	3/4
SFJ90C-2116	1-5/16	1

Straight Male Flat Faced O-Ring (ORFS)



P/Number	Thread	Hose
SMORF-0904	9/16	1/4
SMORF-1106	11/16	3/8
SMORF-1306	13/16	3/8
SMORF-1308	13/16	1/2
SMORF-1608	1	1/2
SMORF-1610	1	5/8
SMORF-1910	1-3/16	5/8
SMORF-1912	1-3/16	3/4
SMORF-2312	1-7/16	3/4
SMORF-2316	1-7/16	1

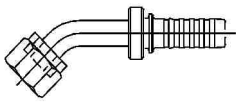
Straight Female Flat Faced O-Ring (ORFS) Swivel



P/Number	Thread	Hose
SFFO-0904	9/16	1/4
SFFO-1104	11/16	1/4
SFFO-1106	11/16	3/8
SFFO-1306	13/16	3/8
SFFO-1308	13/16	1/2
SFFO-1608	1	1/2
SFFO-1610	1	5/8
SFFO-1910	1-3/16	5/8
SFFO-1912	1-3/16	3/4
SFFO-2312	1-7/16	3/4
SFFO-2316	1-7/16	1
SFFO-2720	1-11/16	1-1/4
SFFO-3224	2	1-1/2

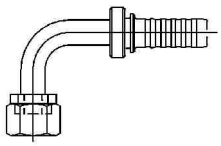
 For stainless steel quote standard part number and add suffix "SS". Enquire for price and availability.

45° Tube Female Flat Faced O-Ring (ORFS) Swivel



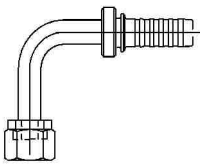
P/Number	Thread	Hose
SFFO45-0904	9/16	1/4
SFFO45-1104	11/16	1/4
SFFO45-1106	11/16	3/8
SFFO45-1306	13/16	3/8
SFFO45-1308	13/16	1/2
SFFO45-1608	1	1/2
SFFO45-1610	1	5/8
SFFO45-1910	1-3/16	5/8
SFFO45-1912	1-3/16	3/4
SFFO45-2316	1-7/16	1
SFFO45-2720	1-11/16	1-1/4
SFFO45-3224	2	1-1/2

90° Tube Female Flat Faced O-Ring (ORFS) Short Drop Swivel



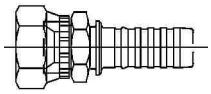
P/Number	Thread	Hose
SFFO90S-0904	9/16	1/4
SFFO90S-1104	11/16	1/4
SFFO90S-1106	11/16	3/8
SFFO90S-1306	13/16	3/8
SFFO90S-1308	13/16	1/2
SFFO90S-1608	1	1/2
SFFO90S-1610	1	5/8
SFFO90S-1910	1-3/16	5/8
SFFO90S-1912	1-3/16	3/4
SFFO90S-2312	1-7/16	3/4
SFFO90S-2316	1-7/16	1
SFFO90S-2720	1-11/16	1-1/4
SFFO90S-3224	2	1-1/2

90° Tube Female Flat Faced O-Ring (ORFS) Long Drop Swivel



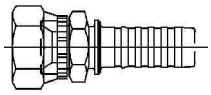
P/Number	Thread	Hose
SFFO90L-0904	9/16	1/4
SFFO90L-1106	11/16	3/8
SFFO90L-1308	13/16	1/2
SFFO90L-1912	19/16	3/4
SFFO90L-2316	1-7/16	1

Straight Female BSPP Japanese JIS B8363 30° Cone Swivel



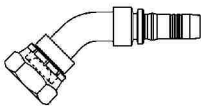
P/Number	Thread	Hose
SFNP-0404	1/4	1/4
SFNP-0606	3/8	3/8
SFNP-0806	1/2	3/8
SFNP-0808	1/2	1/2
SFNP-1212	3/4	3/4
SFNP-1616	1	1
SFNP-2020	1-1/4	1-1/4

Straight Female Metric Japanese JIS B8363 30° Cone Swivel Komatsu



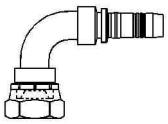
P/Number	Thread	Hose
SFK-1404	M14 x 1.5	1/4
SFK-1806	M18 x 1.5	3/8
SFK-2006	M20 x 1.5	3/8
SFK-2208	M22 x 1.5	1/2
SFK-2410	M24 x 1.5	5/8
SFK-3012	M30 x 1.5	3/4
SFK-3316	M33 x 1.5	1

45° Female Metric Japanese JIS B8363 30° Cone Swivel Komatsu



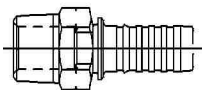
P/Number	Thread	Hose
SFK45-1404	M14 x 1.5	1/4
SFK45-1806	M18 x 1.5	3/8
SFK45-2208	M22 x 1.5	1/2
SFK45-2410	M24 x 1.5	5/8
SFK45-3012	M30 x 1.5	3/4
SFK45-3316	M33 x 1.5	1

90° Female Metric Japanese JIS B8363 30° Cone Swivel Komatsu



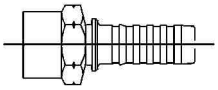
P/Number	Thread	Hose
SFK90-1404	M14 x 1.5	1/4
SFK90-1806	M18 x 1.5	3/8
SFK90-2208	M22 x 1.5	1/2
SFK90-2410	M24 x 1.5	5/8
SFK90-3012	M30 x 2.0	3/4
SFK90-3316	M33 x 2.0	1

Straight Male NPTF



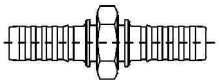
P/Number	Thread	Hose
SMN-0204	1/8	1/4
SMN-0404	1/4	1/4
SMN-0406	1/4	3/8
SMN-0604	3/8	1/4
SMN-0606	3/8	3/8
SMN-0608	3/8	1/2
SMN-0806	1/2	3/8
SMN-0808	1/2	1/2
SMN-1208	3/4	1/2
SMN-1212	3/4	3/4
SMN-1616	1	1
SMN-2020	1-1/4	1-1/4
SMN-2424	1-1/2	1-1/2
SMN-3232	2	2

Fixed Female NPTF



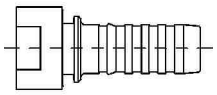
P/Number	Thread	Hose
SFNF-0404	1/4	1/4
* SFNF-0606	3/8	3/8

Hose Joiner



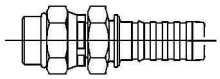
P/Number		Hose
SHJ-0404		1/4
SHJ-0606		3/8
SHJ-0808		1/2
SHJ-1212		3/4

Lifesaver Hose Ends



P/Number	Thread	Hose
SLS-0404	1/4	1/4
SLS-0604	3/8	1/4
SLS-0606	3/8	3/8
SLS-10M06Z	5/8	3/8
SLS-0806	1/2	3/8
SLS-0808	1/2	1/2
SLS-1008	5/8	1/2
SLS-1010	5/8	5/8
SLS-1012	5/8	3/4
SLS-1212	3/4	3/4
SLS-1612	1	3/4
SLS-1616	1	1
SLS-2020	1-1/4	1-1/4
SLS-2424	1-1/2	1-1/2

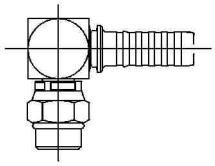
Straight Male SAE O-Ring Boss (Swivel)



P/Number	Thread	Hose
SMOX-0704	7/16	1/4
SMOX-0806	1/2	3/8
SMOX-0906	9/16	3/8
SMOX-1204	3/4	1/4
SMOX-1206	3/4	3/8
SMOX-1208	3/4	1/2
SMOX-1408	7/8	1/2

90 Duro O Ring supplied

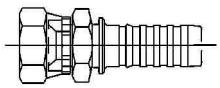
90° Close Male Swivel SAE O-Ring Boss



P/Number	Thread	Hose
SMOX90C-1206	3/4	3/8
SMOX90C-1208	3/4	1/2
SMOX90C-1408	7/8	1/2

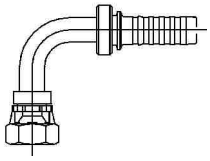
90 Duro O Ring supplied

Straight Female SAE Swivel



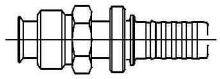
P/Number	Thread	Hose
SFS-0804	1/2	1/4
SFS-1006	5/8	3/8
SFS-1206	3/4	3/8
SFS-1710	1-1/16	5/8
SFS-1712	1-1/16	3/4

90° Female SAE Swivel



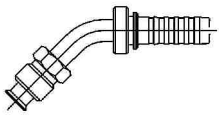
P/Number	Thread	Hose
SFS90-1006	5/8	3/8
SFS90-1206	3/4	3/8

Straight Male SAE Inverted Flare



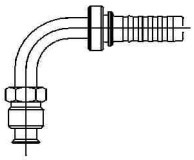
P/Number	Thread	Hose
SMIX-0704	7/16	1/4
SMIX-0804	1/2	1/4
SMIX-1006	5/8	3/8

45° Tube Male SAE Inverted Flare



P/Number	Thread	Hose
* SMIX45-0704	7/16	1/4
* SMIX45-0804	1/2	1/4
SMIX45-1006	5/8	3/8

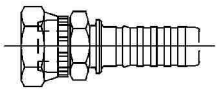
90° Tube Male SAE Inverted Flare



P/Number	Thread	Hose
SMIX90-0704	7/16	1/4
SMIX90-0804	1/2	1/4
SMIX90-1006	5/8	3/8

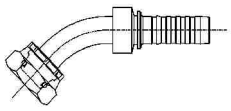
 For stainless steel quote standard part number and add suffix "SS". Enquire for price and availability.

Straight Female Swivel DIN Heavy O-Ring



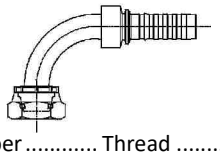
P/Number	Thread	Hose
SFDKO-1404	M14 x 1.5	1/4
SFDKO-1604	M16 x 1.5	1/4
SFDKO-1804	M18 x 1.5	1/4
SFDKO-1806	M18 x 1.5	3/8
SFDKO-2006	M20 x 1.5	3/8
SFDKO-2206	M22 x 1.5	3/8
SFDKO-2208	M22 x 1.5	1/2
SFDKO-2408	M24 x 1.5	1/2
SFDKO-3010	M30 x 2.0	5/8
SFDKO-3012	M30 x 2.0	3/4
SFDKO-3612	M36 x 2.0	3/4
SFDKO-3616	M36 x 2.0	1
SFDKO-4216	M42 x 2.0	1
SFDKO-5220	M52 x 2.0	1-1/4
SFDKO-5224	M52 x 2.0	1-1/2

45° Female Swivel DIN Heavy O-Ring



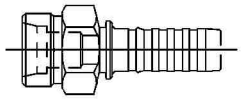
P/Number	Thread	Hose
SFDKO45-1404	M14 x 1.5	1/4
SFDKO45-1604	M16 x 1.5	1/4
SFDKO45-1804	M18 x 1.5	1/4
SFDKO45-1806	M18 x 1.5	3/8
SFDKO45-2006	M20 x 1.5	3/8
SFDKO45-2008	M20 x 1.5	1/2
SFDKO45-2408	M24 x 1.5	1/2
SFDKO45-3010	M30 x 2.0	5/8
SFDKO45-3012	M30 x 2.0	3/4
SFDKO45-3612	M36 x 2.0	3/4
SFDKO45-5220	M52 x 2.0	1-1/4

90° Female Swivel DIN Heavy O-Ring



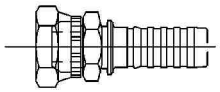
P/Number	Thread	Hose
SFDKO90-1404	M14 x 1.5	1/4
SFDKO90-1604	M16 x 1.5	1/4
SFDKO90-1804	M18 x 1.5	1/4
SFDKO90-1806	M18 x 1.5	3/8
SFDKO90-2006	M20 x 1.5	3/8
SFDKO90-2206	M22 x 1.5	3/8
SFDKO90-2208	M22 x 1.5	1/2
SFDKO90-2408	M24 x 1.5	1/2
SFDKO90-3010	M30 x 2.0	5/8
SFDKO90-3012	M30 x 2.0	3/4
SFDKO90-3612	M36 x 2.0	3/4
SFDKO90-5220	M52 x 2.0	1-1/4

Straight Male DIN Heavy Series



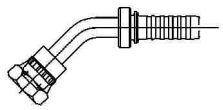
P/Number	Thread	Hose
SMDKS-1404	M14 x 1.5	1/4
SMDKS-1604	M16 x 1.5	1/4
SMDKS-1804	M18 x 1.5	1/4
SMDKS-2006	M20 x 1.5	3/8
SMDKS-2206	M22 x 1.5	3/8
SMDKS-2408	M24 x 1.5	1/2
SMDKS-3010	M30 x 2.0	5/8
SMDKS-3012	M30 x 2.0	3/4
SMDKS-3612	M36 x 2.0	3/4
SMDKS-3616	M36 x 2.0	1
SMDKS-4216	M42 x 2.0	1
SMDKS-5220	M52 x 2.0	1-1/4

Straight Female Swivel DIN Light Series Universal Cone Seat 24°/60° Cone



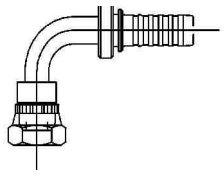
P/Number	Thread	Hose
SFDKL-1204	M12 x 1.5	1/4
SFDKL-1404	M14 x 1.5	1/4
SFDKL-1604	M16 x 1.5	1/4
SFDKL-1606	M16 x 1.5	3/8
SFDKL-1608	M16 x 1.5	1/2
SFDKL-1806	M18 x 1.5	3/8
SFDKL-1808	M18 x 1.5	1/2
SFDKL-2206	M22 x 1.5	3/8
SFDKL-2208	M22 x 1.5	1/2
SFDKL-2210	M22 x 1.5	5/8
SFDKL-2608	M26 x 1.5	1/2
SFDKL-2610	M26 x 1.5	5/8
SFDKL-2612	M26 x 1.5	3/4
SFDKL-3012	M30 x 2.0	3/4
SFDKL-3616	M36 x 2.0	1
SFDKL-4520	M45 x 2.0	1-1/4
SFDKL-5224	M52 x 2.0	1-1/2

45° Female Swivel DIN Light Series Universal Cone Seat 24°/60° Cone



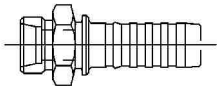
P/Number	Thread	Hose
SFDKL45-1204	M12 x 1.5	1/4
SFDKL45-1404	M14 x 1.5	1/4
SFDKL45-1604	M16 x 1.5	1/4
SFDKL45-1606	M16 x 1.5	3/8
SFDKL45-1806	M18 x 1.5	3/8
SFDKL45-1808	M18 x 1.5	1/2
SFDKL45-2208	M22 x 1.5	1/2
SFDKL45-2608	M26 x 1.5	1/2
SFDKL45-2610	M26 x 1.5	5/8
SFDKL45-3012	M30 x 2.0	3/4

90° Female Swivel DIN Light Series Universal Cone Seat 24°/60° Cone



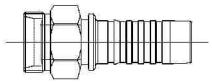
P/Number	Thread	Hose
SFDKL90-1204	M12 x 1.5	1/4
SFDKL90-1404	M14 x 1.5	1/4
SFDKL90-1604	M16 x 1.5	1/4
SFDKL90-1606	M16 x 1.5	3/8
SFDKL90-1806	M18 x 1.5	3/8
SFDKL90-2208	M22 x 1.5	1/2
SFDKL90-2608	M26 x 1.5	1/2
SFDKL90-2610	M26 x 1.5	5/8
SFDKL90-3012	M30 x 2.0	3/4
SFDKL90-3616	M36 x 2.0	1

Straight Male DIN Light Series



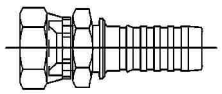
P/Number	Thread	Hose
SMDKL-1204	M12 x 1.5	1/4
SMDKL-1404	M14 x 1.5	1/4
SMDKL-1406	M14 x 1.5	3/8
SMDKL-1604	M16 x 1.5	1/4
SMDKL-1606	M16 x 1.5	3/8
SMDKL-1804	M18 x 1.5	1/4
SMDKL-1806	M18 x 1.5	3/8
SMDKL-1808	M18 x 1.5	1/2
SMDKL-2206	M22 x 1.5	3/8
SMDKL-2208	M22 x 1.5	1/2
SMDKL-2608	M26 x 1.5	1/2
SMDKL-2610	M26 x 1.5	5/8
SMDKL-3012	M30 x 2.0	3/4
SMDKL-3616	M36 x 2.0	1

FRENCH GAZ Straight Male



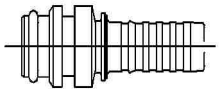
P/Number	Thread	Hose
SMGAZ-3012	M30	3/4
SMGAZ-3612	M36	3/4
SMGAZ-3616	M36	1
SMGAZ-4516	M45	1

FRENCH GAZ Straight Female



P/Number	Thread	Hose
SFGAZ-3010	M30	5/8
SFGAZ-3012	M30	3/4

Straight Male Staplelock System

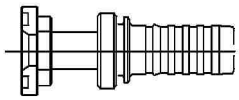


P/Number	Staple	Hose
SSS-1004	3/8	1/4
SSS-1006	3/8	3/8
SSS-1308	1/2	1/2

90 Duro O Ring &
Anti-extrusion Washer supplied

 For stainless steel quote standard part number and add suffix "SS". Enquire for price and availability.

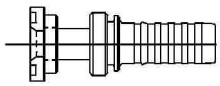
Straight SAE O-Ring Flange Code 61



P/Number	Flange	Hose
SFL-0808	1/2	1/2
SFL-1208	3/4	1/2
SFL-1212	3/4	3/4
SFL-1612	1	3/4
SFL-1616	1	1
SFL-2012	1-1/4	3/4
SFL-2016	1-1/4	1
SFL-2020	1-1/4	1-1/4
SFL-2416	1-1/2	1
SFL-2420	1-1/2	1-1/4
SFL-2424	1-1/2	1-1/2
SFL-3224	2	1-1/2
SFL-3232	2	2
SFL-4032	2-1/2	2

90 Duro O Ring supplied

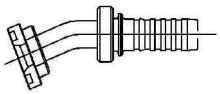
Straight Komatsu O-Ring Flange



P/Number	Flange	Hose
SFLK-1008	5/8	1/2
SFLK-1012	5/8	3/4

90 Duro O Ring supplied

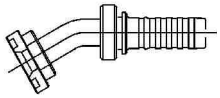
22-1/2° SAE O-Ring Flange Code 61



P/Number	Flange	Hose
SFL22-0808	1/2	1/2
SFL22-1208	3/4	1/2
SFL22-1212	3/4	3/4
SFL22-1612	1	3/4
SFL22-1616	1	1
SFL22-2016	1-1/4	1
SFL22-2020	1-1/4	1-1/4
SFL22-2420	1-1/2	1-1/4
SFL22-2424	1-1/2	1-1/2
SFL22-3224	2	1-1/2
SFL22-3232	2	2

90 Duro O Ring supplied

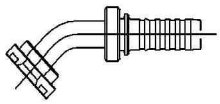
30° SAE Flange Code 61



	P/Number	Flange	Hose
*	SFL30-0808	1/2	1/2
	SFL30-1208	3/4	1/2
	SFL30-1212	3/4	3/4
	SFL30-1612	1	3/4
	SFL30-1616	1	1
	SFL30-2016	1-1/4	1
	SFL30-2020	1-1/4	1-1/4
	SFL30-2420	1-1/2	1-1/4
	SFL30-2424	1-1/2	1-1/2
	SFL30-3224	2	1-1/2
	SFL30-3232	2	2

90 Duro O Ring supplied

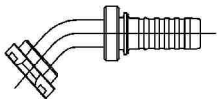
45° SAE Flange Code 61



P/Number	Flange	Hose
SFL45-0808	1/2	1/2
SFL45-1208	3/4	1/2
SFL45-1212	3/4	3/4
SFL45-1612	1	3/4
SFL45-1616	1	1
SFL45-2016	1-1/4	1
SFL45-2020	1-1/4	1-1/4
SFL45-2420	1-1/2	1-1/4
SFL45-2424	1-1/2	1-1/2
SFL45-3224	2	1-1/2
SFL45-3232	2	2
SFL45-4032	2-1/2	2

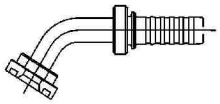
90 Duro O Ring supplied

45° Komatsu O-Ring Flange



P/Number	Flange	Hose
SFLK45-1008	5/8	1/2
SFLK45-1012	5/8	3/4

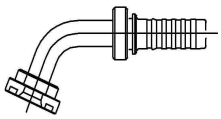
60° SAE O-Ring Flange Code 61



	P/Number	Flange	Hose
	SFL60-0808	1/2	1/2
	SFL60-1208	3/4	1/2
	SFL60-1212	3/4	3/4
	SFL60-1612	1	3/4
	SFL60-1616	1	1
	SFL60-2016	1-1/4	1
	SFL60-2020	1-1/4	1-1/4
	SFL60-2420	1-1/2	1-1/4
	SFL60-2424	1-1/2	1-1/2
	SFL60-3224	2	1-1/2
	SFL60-3232	2	2

90 Duro O Ring supplied

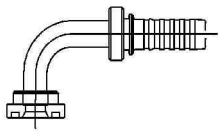
67° SAE O-Ring Flange Code 61



	P/Number	Flange	Hose
	SFL67-0808	1/2	1/2
	SFL67-1208	3/4	1/2
	SFL67-1212	3/4	3/4
	SFL67-1612	1	3/4
*	SFL67-1616	1	1
	SFL67-2016	1-1/4	1
	SFL67-2020	1-1/4	1-1/4
	SFL67-2420	1-1/2	1-1/4
	SFL67-2424	1-1/2	1-1/2
	SFL67-3224	2	1-1/2
	SFL67-3232	2	2

90 Duro O Ring supplied

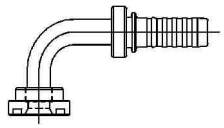
90° SAE Flange Code 61



P/Number	Flange	Hose
SFL90-0808	1/2	1/2
SFL90-1208	3/4	1/2
SFL90-1212	3/4	3/4
SFL90-1612	1	3/4
SFL90-1616	1	1
SFL90-1620	1	1-1/4
SFL90-2012	1-1/4	3/4
SFL90-2016	1-1/4	1
SFL90-2020	1-1/4	1-1/4
SFL90-2024	1-1/4	1-1/2
SFL90-2416	1-1/2	1
SFL90-2420	1-1/2	1-1/4
SFL90-2424	1-1/2	1-1/2
SFL90-3224	2	1-1/2
SFL90-3232	2	2
SFL90-4032	2-1/2	2

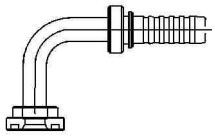
90 Duro O Ring supplied

90° Komatsu O-Ring Flange



P/Number	Flange	Hose
SFLK90-1008	5/8	1/2
SFLK90-1012	5/8	3/4

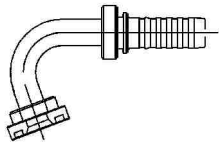
90° SAE Flange Long Drop Code 61



P/Number	Flange	Hose
SFL90L-1212/96	3/4	3/4
SFL90L-1616/118	1	1
SFL90L-2016/118	1-1/4	1
SFL90L-2020/91	1-1/4	1-1/4
SFL90L-2020/130	1-1/4	1-1/4
SFL90L-2420/130	1-1/2	1-1/4
SFL90L-2424/148	1-1/2	1-1/2
SFL90L-3232/203	2	2

90 Duro O Ring supplied

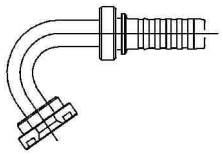
110° SAE Flange Code 61



P/Number	Flange	Hose
SFL110-1212	3/4	3/4
SFL110-1616	1	1
SFL110-2016	1-1/4	1
SFL110-2020	1-1/4	1-1/4
SFL110-2420	1-1/2	1-1/4
SFL110-2424	1-1/2	1-1/2
SFL110-3232	2	2

90 Duro O Ring supplied

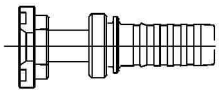
135° SAE Flange Code 61



P/Number	Flange	Hose
SFL135-1212	3/4	3/4
SFL135-2424	2	2
SFL135-3232	2	2

90 Duro O Ring supplied

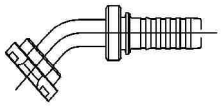
Straight SAE Flange Code 62



P/Number	Flange	Hose
SFLH-0808	1/2	1/2
SFLH-1212	3/4	3/4
SFLH-1612	1	3/4
SFLH-1616	1	1
SFLH-2016	1-1/4	1
SFLH-2020	1-1/4	1-1/4
SFLH-2424	1-1/2	1-1/2
SFLH-3224	2	1-1/2
SFLH-3232	2	2

90 Duro O Ring supplied

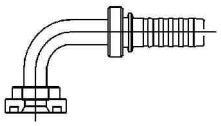
45° SAE Flange Code 62



P/Number	Flange	Hose
SFLH45-0808	1/2	1/2
SFLH45-1212	3/4	3/4
SFLH45-1612	1	3/4
SFLH45-1616	1	1
SFLH45-2016	1-1/4	1
SFLH45-2020	1-1/4	1-1/4
SFLH45-2024	1-1/4	1-1/2
SFLH45-2420	1-1/2	1-1/4
SFLH45-2424	1-1/2	1-1/2
SFLH45-3224	2	1-1/2
SFLH45-3232	2	2

90 Duro O Ring supplied

90° SAE Flange Code 62

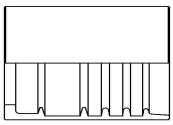


P/Number	Flange	Hose
SFLH90-0808	1/2	1/2
SFLH90-1212	3/4	3/4
SFLH90-1216		
SFLH90-1612	1	3/4
SFLH90-1616	1	1
SFLH90-1620	1	1-1/4
SFLH90-2016	1-1/4	1
SFLH90-2020	1-1/4	1-1/4
SFLH90-2024	1-1/4	1-1/2
SFLH90-2420	1-1/2	1-1/4
SFLH90-2424	1-1/2	1-1/2
SFLH90-3224	2	1-1/2
SFLH90-3232	2	2

90 Duro O Ring supplied

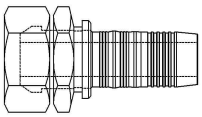
 For stainless steel quote standard part number and add suffix "SS". Enquire for price and availability.

Hammer-Crimp Ferrule Non-Skive Suits EFG4K



P/Number	Hose
FNH-16	1

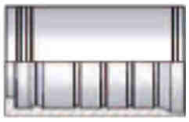
Straight Female BSPP Hammer Coupling



P/Number	Thread	Hose
HFB-1616	1	1

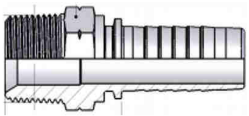
The HAMMER COUPLING is especially designed to withstand very heavy and continuous pressure spikes such as those experienced in hammer systems

Mine Jacking Hose Ferrule Non-Skive Suits STFS00HP-04



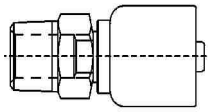
P/Number	Hose
S00HP-04	1/4

Straight Male NPT Coupling Suits STFS00HP-04



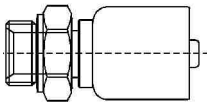
P/Number	Thread	Hose
S0370T04-06	3/8	1/4

Straight Male BSPT



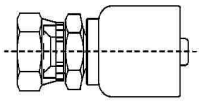
P/Number	Thread	Hose
EMB-0204	1/8	1/4
EMB-0404	1/4	1/4
EMB-0406	1/4	3/8
EMB-0604	3/8	1/4
EMB-0606	3/8	3/8
EMB-0806	1/2	3/8
EMB-0808	1/2	1/2

Straight Male BSPP Encapsulated Seal Included in the price



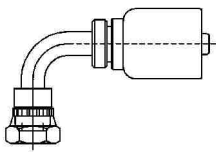
P/Number	Thread	Hose
EMR-0604	3/8	1/4
EMR-0606	3/8	3/8
EMR-0806	1/2	3/8
EMR-0808	1/2	1/2

Straight Female BSPP Swivel



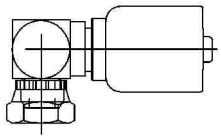
P/Number	Thread	Hose
EFB-0204H	1/8	1/4
EFB-0404H	1/4	1/4
EFB-0604H	3/8	1/4
EFB-0606H	3/8	3/8
EFB-0806H	1/2	3/8
EFB-0808H	1/2	1/2
EFB-1212H	3/4	3/4

90° Tube Female BSPP Swivel



P/Number	Thread	Hose
EFB90-0404	1/4	1/4
EFB90-0606	3/8	3/8
EFB90-0808	1/2	1/2
EFB90-1212	3/4	3/4

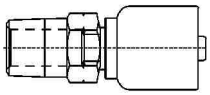
90° Close Female BSPP Swivel



P/Number	Thread	Hose
EFB90C-0404	1/4	1/4
EFB90C-0604	3/8	1/4
EFB90C-0606	3/8	3/8
EFB90C-0808	1/2	1/2
EFB90C-1212	3/4	3/4

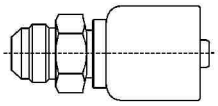
Straight Male NPT

Suit Porta-Power Hoses



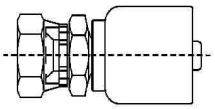
P/Number	Thread	Hose
EMNL-0604	3/8	1/4

Straight Male JIC



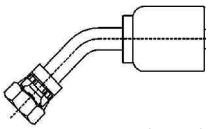
P/Number	Thread	Hose
EMJ-0704	7/16	1/4
EMJ-0904	9/16	1/4
EMJ-0906	9/16	3/8
EMJ-1204	3/4	1/4
EMJ-1206	3/4	3/8
EMJ-1208	3/4	1/2
EMJ-1408	7/8	1/2
EMJ-1708	1-1/16	1/2

Straight Female JIC Swivel



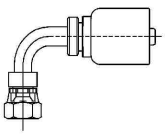
P/Number	Thread	Hose
EFJ-0704H	7/16	1/4
EFJ-0804H	1/2	1/4
EFJ-0904H	9/16	1/4
EFJ-0906H	9/16	3/8
EFJ-0908H	9/16	1/2
EFJ-1206H	3/4	3/8
EFJ-1208H	3/4	1/2
EFJ-1406H	7/8	3/8
EFJ-1408H	7/8	1/2
EFJ-1412H	7/8	3/4
EFJ-1708H	1-1/16	1/2
EFJ-1712H	1-1/16	3/4
EFJ-2112H	1-5/16	3/4

45° Tube Female JIC Swivel



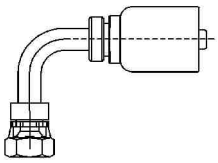
P/Number	Thread	Hose
EFJ45-0704	7/16	1/4
EFJ45-0904	9/16	1/4
EFJ45-0906	9/16	3/8
EFJ45-1206	3/4	3/8
EFJ45-1208	3/4	1/2
EFJ45-1408	7/8	1/2
EFJ45-1712	1-1/16	3/4

90° Tube Female JIC Swivel



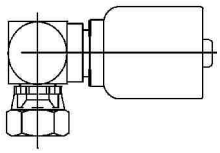
P/Number	Thread	Hose
EFJ90-0704	7/16	1/4
EFJ90-0804	1/2	1/4
EFJ90-0904	9/16	1/4
EFJ90-0906	9/16	3/8
EFJ90-1206	3/4	3/8
EFJ90-1208	3/4	1/2
EFJ90-1406	7/8	3/8
EFJ90-1408	7/8	1/2
EFJ90-1712	1-1/16	3/4
EFJ90-2112	1-5/16	3/4

90° Tube Female JIC Long Drop Swivel



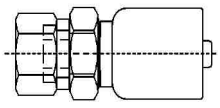
P/Number	Thread	Hose
EFJ90L-0704	7/16	1/4
EFJ90L-0904	9/16	1/4
EFJ90L-1206	3/4	3/8
EFJ90L-1208	3/4	1/2
EFJ90L-1408	7/8	1/2
EFJ90L-1408Z	7/8	1/2

90° Close Female JIC Swivel



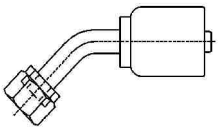
P/Number	Thread	Hose
EFJ90C-0704	7/16	1/4
EFJ90C-0904	9/16	1/4
EFJ90C-0906	9/16	3/8
EFJ90C-1206	3/4	3/8
EFJ90C-1208	3/4	1/2
EFJ90C-1408	7/8	1/2
EFJ90C-1712	1-1/16	3/4

Straight Female Flat Faced O-Ring (ORFS) Swivel



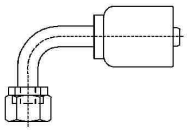
P/Number	Thread	Hose
EFFO-0904	9/16	1/4
EFFO-1104	11/16	1/4
EFFO-1106	11/16	3/8
EFFO-1308	13/16	1/2

45° Tube Female Flat Faced O-Ring (ORFS) Swivel



P/Number	Thread	Hose
EFFO45-0904	9/16	1/4

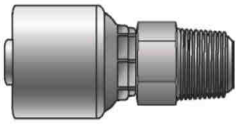
90° Tube Female Flat Faced O-Ring (ORFS) Swivel



P/Number	Thread	Hose
EFFO90S-0904	9/16	1/4
EFFO90S-1104	11/16	1/4
EFFO90S-1106	11/16	3/8
EFFO90S-1308	13/16	1/2

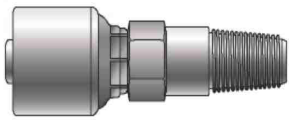
*Manufactured To Order - Minimum Order Quantities May Apply

Straight Male NPT



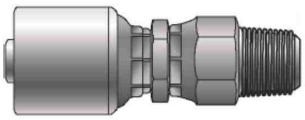
P/Number	Thread	Hose
4G-2MP	1/8	1/4
4G-4MP	1/4	1/4
4G-6MP	1/4	3/8
6G-4MP	1/4	3/8
6G-6MP	3/8	3/8
6G-8MP	1/2	3/8
8G-6MP	3/8	1/2
8G-8MP	1/2	1/2
8G-12MP	3/4	1/2
10G-8MP	1/2	5/8
10G-12MP	3/4	5/8
12G-8MP	1/2	3/4
12G-12MP	3/4	3/4
12G-16MP	1	3/4
16G-12MP	3/4	1
16G-16MP	1	1
20G-20MP	1-1/4	1-1/4

Straight Male NPT Long



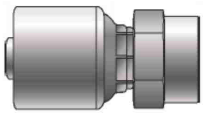
P/Number	Thread	Hose
4G-4MPLN	1/4	1/4
4G-6MPLN	3/8	1/4
6G-4MPLN	1/4	3/8
6G-6MPLN	3/8	3/8

Straight Male NPT Swivel



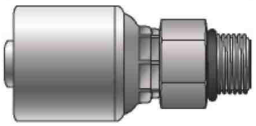
P/Number	Thread	Hose
4G-4MPX	1/4	1/4
6G-6MPX	3/8	3/8
6G-8MPX	1/2	3/8
8G-6MPX	3/8	1/2
8G-8MPX	1/2	1/2
10G-12MPX	3/4	5/8
12G-8MPX	1/2	3/4
12G-12MPX	3/4	3/4
16G-16MPX	1	1

Straight Female NPT



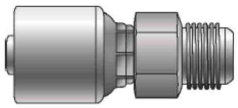
P/Number	Thread	Hose
4G-2FP	1/8	1/4
4G-4FP	1/4	1/4
4G-6FP	3/8	1/4
6G-4FP	1/4	3/8
6G-6FP	3/8	3/8
6G-8FP	1/2	3/8
8G-6FP	3/8	1/2
8G-8FP	1/2	1/2
12G-12FP	3/4	3/4

Straight Male SAE O-Ring Boss



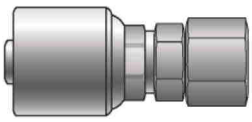
P/Number	Thread	Hose
4G-4MB	7/16	1/4
4G-5MB	1/2	1/4
4G-6MB	9/16	1/4
6G-6MB	9/16	3/8
6G-8MB	3/4	3/8
6G-10MB	7/8	3/8
6G-12MB	1-1/16	3/8
8G-8MB	3/4	1/2
8G-10MB	7/8	1/2
8G-12MB	1-1/16	1/2
10G-8MB	3/4	5/8
10G-10MB	7/8	5/8
10G-12MB	1-1/16	5/8
12G-12MB	1-1/16	3/4
12G-14MB	1-3/16	3/4
12G-16MB	1-5/16	3/4
16G-14MB	1-3/16	1
16G-16MB	1-5/16	1
20G-20MB	1-5/8	1-1/4

Straight Male JIC



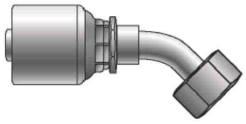
P/Number	Thread	Hose
4G-4MJ	7/16	1/4
4G-6MJ	9/16	1/4
6G-6MJ	9/16	3/8
6G-8MJ	3/4	3/8
6G-10MJ	7/8	3/8
8G-8MJ	3/4	1/2
8G-10MJ	7/8	1/2
8G-12MJ	1-1/16	1/2
10G-10MJ	7/8	5/8
10G-12MJ	1-1/16	5/8
12G-12MJ	1-1/16	3/4
12G-14MJ	1-3/16	3/4
12G-16MJ	1-5/16	3/4
16G-16MJ	1-5/16	1
16G-20MJ	1-5/8	1
20G-20MJ	1-5/8	1-1/4

Straight Female JIC Swivel



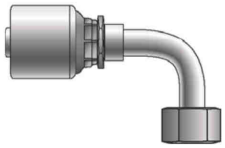
P/Number	Thread	Hose
4G-4FJX	7/16	1/4
4G-6FJX	9/16	1/4
6G-4FJX	7/16	3/8
6G-6FJX	9/16	3/8
6G-8FJX	3/4	3/8
6G-10FJX	7/8	3/8
8G-6FJX	9/16	1/2
8G-8FJX	3/4	1/2
8G-10FJX	7/8	1/2
8G-12FJX	1-1/16	1/2
10G-8FJX	3/4	5/8
10G-10FJX	7/8	5/8
10G-12FJX	1-1/16	5/8
10G-14FJX	1-3/16	5/8
12G-10FJX	7/8	3/4
12G-12FJX	1-1/16	3/4
12G-14FJX	1-3/16	3/4
12G-16FJX	1-5/16	3/4
16G-16FJX	1-5/16	1
16G-20FJX	1-5/8	1

45° Tube Female JIC Swivel



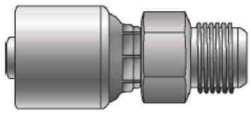
P/Number	Thread	Hose
4G-4FJX45S	7/16	1/4
4G-6FJX45S	9/16	1/4
6G-6FJX45	9/16	3/8
6G-6FJX45S	9/16	3/8
8G-8FJX45S	3/4	1/2
8G-10FJX45S	7/8	3/4
10G-10FJX45S	7/8	5/8
10G-12FJX45S	1-1/16	5/8
12G-10FJX45S	7/8	3/4
12G-12FJX45S	1-1/16	3/4
12G-16FJX45S	1-5/16	3/4
16G-16FJX45S	1-5/16	1

90° Tube Female JIC Swivel



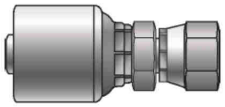
P/Number	Thread	Hose
4G-4FJX90L	7/16	1/4
4G-4FJX90M	7/16	1/4
4G-4FJX90S	7/16	1/4
4G-6FJX90L	9/16	1/4
4G-6FJX90M	9/16	1/4
4G-6FJX90S	9/16	1/4
6G-6FJX90L	9/16	3/8
6G-6FJX90M	9/16	3/8
6G-6FJX90S	9/16	3/8
6G-8FJX90L	3/4	3/8
6G-8FJX90M	3/4	3/8
8G-8FJX90S	3/4	1/2
8G-10FJX90L	7/8	1/2
8G-10FJX90M	7/8	1/2
8G-10FHX90S	7/8	1/2
8G-12FJX90S	1-1/16	1/2
10G-10FJX90-036	7/8	5/8
10G-10FJX90L	7/8	5/8
10G-10FJX90M	7/8	5/8
10G-12FJX90L	1-1/16	5/8
10G-12FJX90S	1-1/16	5/8
12G-10FJX90M	7/8	3/4
12G-12FJX90L	1-1/16	3/4
12G-12FJX90M	1-1/16	3/4
12G-12FJX90S	1-1/16	3/4
12G-14FJX90L	1-3/16	3/4
12G-14FJX90S	1-3/16	3/4
16G-16FJX90L	1-5/16	1
16G-16FJX90M	1-5/16	1
16G-16FJX90S	1-5/16	1
16G-20FJX90S	1-5/8	1

Straight Male SAE



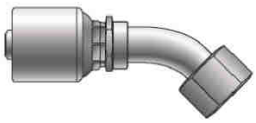
P/Number	Thread	Hose
4G-4MS	7/16	1/4
6G-6MS	5/8	3/8
8G-8MS	3/4	1/2
8G-10MS	7/8	1/2
12G-12MS	1-1/16	3/4

Straight Female SAE Swivel



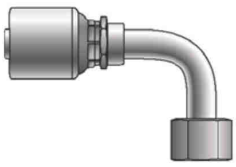
P/Number	Thread	Hose
4G-4FSX	7/16	1/4
4G-6FSX	5/8	1/4
6G-6FSX	5/8	3/8
6G-8FSX	3/4	3/8
8G-8FSX	3/4	1/2

45° Tube Female SAE Swivel



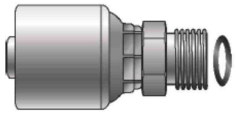
P/Number	Thread	Hose
6G-6FSX45	5/8	3/8
8G-8FSX45	3/4	1/2

90° Tube Female SAE Swivel



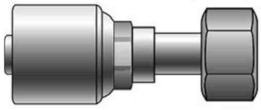
P/Number	Thread	Hose
4G-4FSX90	7/16	1/4
6G-6FSX90	5/8	3/8
6G-8FSX90	3/4	3/8
8G-8FSX90	3/4	1/2

Straight Male Flat Faced O-Ring (ORFS)



P/Number	Thread	Hose
4G-4MFFOR	9/16	1/4
4G-6MFFOR	11/16	1/4
6G-6MFFOR	11/16	3/8
6G-8MFFOR	13/16	3/8
6G-10MFFOR	1	3/8
8G-8MFFOR	13/16	1/2
8G-10MFFOR	1	1/2
10G-10MFFOR	1	5/8
10G-12MFFOR	1-3/16	5/8
12G-12MFFOR	1-3/16	3/4
12G-16MFFOR	1-7/16	3/4
16G-16MFFOR	1-7/16	1
16G-20MFFOR	1-11/16	1
20G-20MFFOR	1-11/16	1-1/4

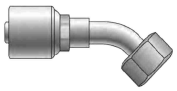
Straight Female Flat Faced O-Ring (ORFS) Swivel



P/Number	Thread	Hose
4G-4FFORX	9/16	1/4
4G-6FFORX	11/16	1/4
6G-6FFORX	11/16	3/8
6G-8FFORX	13/16	3/8
8G-6FFORX	11/16	1/2
8G-8FFORX	13/16	1/2
8G-10FFORX	1	1/2
8G-12FFORX	1-3/16	1/2
10G-10FFORX	1	5/8
10G-12FFORX	1-3/16	5/8
12G-10FFORX	1	3/4
12G-12FFORX	1-3/16	3/4
12G-16FFORX	1-7/16	3/4
16G-12FFORX	1-3/16	1
16G-16FFORX	1-7/16	1
16G-20FFORX	1-11/16	1
20G-20FFORX	1-11/16	1-1/4

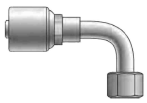
*Manufactured To Order - Minimum Order Quantities May Apply

45° Tube Female Flat Faced O-Ring (ORFS) Swivel



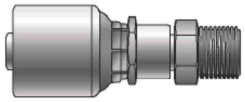
P/Number	Thread	Hose
4G-4FFORX45S	9/16	1/4
4G-6FFORX45S	11/16	1/4
6G-6FFORX45S	11/16	3/8
6G-8FFORX45S	13/16	3/8
8G-8FFORX45S	13/16	1/2
8G-10FFORX45S	1	1/2
8G-12FFORX45S	1-3/16	1/2
10G-10FFORX45S	1	5/8
10G-12FFORX45S	1-3/16	5/8
12G-10FFORX45S	1	3/4
12G-12FFORX45S	1-3/16	3/4
12G-16FFORX45S	1-7/16	3/4
16G-16FFORX45S	1-7/16	1
20G-20FFORX45S	1-11/16	1-1/4

90° Tube Female Flat Faced O-Ring (ORFS) Swivel



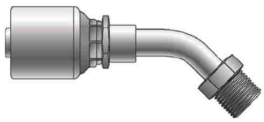
P/Number	Thread	Hose
4G-4FFORX90L	9/16	1/4
4G-4FFORX90M	9/16	1/4
4G-4FFORX90S	9/16	1/4
4G-6FFORX90L	11/16	1/4
4G-6FFORX90M	11/16	1/4
4G-6FFORX90S	11/16	1/4
6G-4FFORX90S	9/16	3/8
6G-6FFORX90L	11/16	3/8
6G-6FFORX90M	11/16	3/8
6G-6FFORX90S	11/16	3/8
6G-8FFORX90L	13/16	3/8
6G-8FFORX90M	13/16	3/8
6G-8FFORX90S	13/16	3/8
8G-6FFORX90S	11/16	1/2
8G-8FFORX90L	13/16	1/2
8G-8FFORX90M	13/16	1/2
8G-8FFORX90S	13/16	1/2
8G-10FFORX90L	1	1/2
8G-10FFORX90M	1	1/2
8G-10FFORX90S	1	1/2
8G-12FFORX90S	1-3/16	1/2
10G-10FFORX90L	1	5/8
10G-10FFORX90M	1	5/8
10G-10FFORX90S	1	5/8
10G-12FFORX90S	1-3/16	5/8
12G-10FFORX90S	1	3/4
12G-12FFORX90L	1-3/16	3/4
12G-12FFORX90M	1-3/16	3/4
12G-12FFORX90S	1-3/16	3/4
12G-16FFORX90S	1-7/16	3/4
16G-16FFORX90L	1-7/16	1
16G-16FFORX90M	1-7/16	1
16G-16FFORX90S	1-7/16	1
20G-20FFORX90M	1-11/16	1-1/4
20G-20FFORX90S	1-11/16	1-1/4

Straight Male SAE Swivel



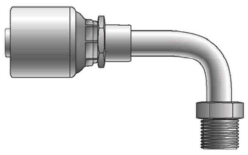
P/Number	Thread	Hose
4G-4MIX	7/16	1/4
4G-5MIX	1/2	1/4
6G-5MIX	1/2	3/8
6G-6MIX	5/8	3/8
6G-7MIX	11/16	3/8
8G-8MIX	3/4	1/2

45° Tube Male SAE Swivel



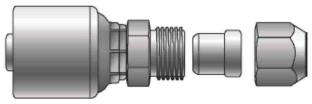
P/Number	Thread	Hose
6G-4MIX45	7/16	3/8
6G-5MIX45	1/2	3/8
6G-6MIX45	5/8	3/8
6G-7MIX45	11/16	3/8

90° Tube Male SAE Swivel



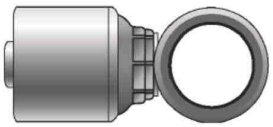
P/Number	Thread	Hose
4G-4MIX90	7/16	1/4
4G-5MIX90	1/2	1/4
6G-4MIX90	7/16	3/8
6G-5MIX90	1/2	3/8
6G-6MIX90	5/8	3/8
6G-7MIX90	11/16	3/8
8G-8MIX90	3/4	1/2

Straight Male Flareless Assembly



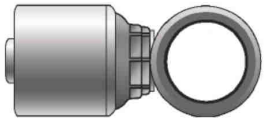
P/Number	Thread	Hose
4G-4MFA	7/16	1/4
4G-5MFA	1/2	1/4
6G-4MFA	7/16	3/8
6G-5MFA	1/2	3/8
6G-6MFA	9/16	3/8
6G-8MFA	3/4	3/8
8G-8MFA	3/4	1/2
8G-10MFA	7/8	1/2
12G-12MFA	1-1/16	3/4
16G-16MFA	1-5/16	1

Straight BSP Banjo



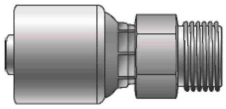
P/Number	Thread	Hose
4G-4BSPBJ	1/4	1/4
6G-6BSPBJ	3/8	3/8
8G-8BSPBJ	1/2	1/2

Straight Metric Banjo



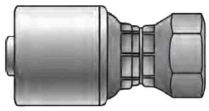
P/Number	Thread	Hose
4G-10DBJ	10mm	1/4
4G-12DBJ	12mm	1/4
6G-14DBJ	14mm	3/8
6G-16DBJ	16mm	3/8
8G-22DBJ	22mm	1/2

Straight Male DIN Light Series



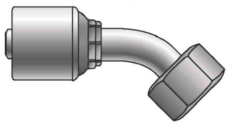
P/Number	Thread	Hose
4G-6MDL	M12 x 1.5	1/4
4G-8MDL	M14 x 1.5	1/4
4G-10MDL	M15 x 1.5	1/4
5G-8MDL	M14 x 1.5	5/16
5G-10MDL	M15 x 1.5	5/16
5G-12MDL	M18 x 1.5	5/16
6G-10MDL	M16 x 1.5	3/8
6G-12MDL	M18 x 1.5	3/8
6G-15MDL	M22 x 1.5	3/8
8G-12MDL	M18 x 1.5	1/2
8G-15MDL	M22 x 1.5	1/2
8G-18MDL	M26 x 1.5	1/2
10G-18MDL	M26 x 1.5	5/8
12G-18MDL	M26 x 1.5	3/4
12G-22MDL	M30 x 2.0	3/4
16G-28MDL	M36 x 2.0	1
20G-35MDL	M45 x 2/0	1-1/4

Straight Female DIN Swivel Light Series



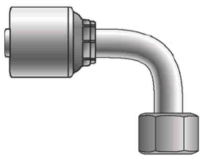
P/Number	Thread	Hose
4G-6FDLORX	M12 x 1.5	1/4
4G-8FDLORX	M14 x 1.5	1/4
4G-10FDLORX	M16 x 1.5	1/4
4G-12FDLORX	M18 x 1.5	1/4
5G-10FDLORX	M16 x 1.5	5/16
5G-12FDLORX	M18 x 1.5	5/16
6G-10FDLORX	M16 x 1.5	3/8
6G-12FDLORX	M18 x 1.5	3/8
6G-14FDLORX	M20 x 1.5	3/8
6G-15FDLORX	M22 x 1/5	3/8
8G-12FDLORX	M18 x 1.5	1/2
8G-15FDLORX	M22 x 1.5	1/2
8G-18FDLORX	M26 x 1.5	1/2
10G-18FDLORX	M26 x 1.5	5/8
12G-18FDLORX	M26 x 1.5	3/4
12G-22FDLORX	M30 x 2.0	3/4
16G-28FDLORX	M36 x 2.0	1
20G-35FDLORX	M45 x 2.0	1-1/4

45° Tube Female DIN Swivel Light Series



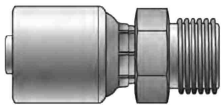
P/Number	Thread	Hose
4G-6FDLORX45	M12 x 1.5	1/4
4G-8FDLORX45	M14 x 1.5	1/4
4G-10FDLORX45	M16 x 1.5	1/4
4G-12FDLORX45	M18 x 1.5	1/4
5G-10FDLORX45	M16 x 1.5	5/16
5G-12FDLORX45	M18 x 1.5	5/16
6G-10FDLORX45	M16 x 1.5	3/8
6G-12FDLORX45	M18 x 1.5	3/8
6G-15FDLORX45	M22 x 1.5	3/8
8G-12FDLORX45	M18 x 1.5	1/2
8G-15FDLORX45	M22 x 1.5	1/2
8G-18FDLORX45	M26 x 1.5	1/2
10G-18FDLORX45	M26 x 1.5	5/8
12G-22FDLORX45	M30 x 2.0	3/4
16G-28FDLORX45	M36 x 2.0	1
20G-35FDLORX45	M45 x 2.0	1-1/4

90° Tube Female DIN Swivel Light Series



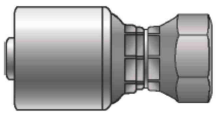
P/Number	Thread	Hose
4G-6FDLORX90	M12 x 1.5	1/4
4G-8FDLORX90	M14 x 1.5	1/4
4G-10FDLORX90	M16 x 1.5	1/4
4G-12FDLORX90	M18 x 1.5	1/4
5G-10FDLORX90	M16 x 1.5	5/16
5G-12FDLORX90	M18 x 1.5	5/16
6G-10FDLORX90	M16 x 1.5	3/8
6G-12FDLORX90	M18 x 1.5	3/8
6G-15FDLORX90	M22 x 1.5	3/8
8G-12FDLORX90	M18 x 1.5	1/2
8G-15FDLORX90	M22 x 1.5	1/2
8G-18FDLORX90	M26 x 1.5	1/2
10G-18FDLORX90	M26 x 1.5	5/8
12G-18FDLORX90	M26 x 1.5	3/4
12G-22FDLORX90	M30 x 2.0	3/4
16G-28FDLORX90	M36 x 2.0	1
20G-35FDLORX90	M45 x 2.0	1-1/4

Straight Male DIN Heavy Series



P/Number	Thread	Hose
4G-8MDH	M16 x 1.5	1/4
4G-10MDH	M18 x 1.5	1/4
5G-12MDH	M20 x 1.5	5/16
6G-10MDH	M18 x 1.5	3/8
6G-12MDH	M20 x 1.5	3/8
6G-14MDH	M22 x 1.5	3/8
8G-16MDH	M24 x 1.5	1/2
10G-20MDH	M30 x 2.0	5/8
12G-20MDH	M30 x 2.0	3/4
12G-25MDH	M36 x 2.0	3/4
16G-30MDH	M42 x 2.0	1
20G-38MDH	M52 x 2.0	1-1/4

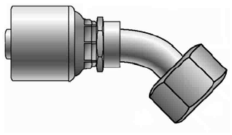
Straight Female DIN Swivel Heavy Series O-Ring



P/Number	Thread	Hose
4G-8FDHORX	M16 x 1.5	1/4
4G-10FDHORX	M18 x 1.5	1/4
4G-12FDHORX	M20 x 1.5	1/4
5G-12FDHORX	M20 x 1.5	5/16
6G-10FDHORX	M18 x 1.5	3/8
6G-12FDHORX	M20 x 1.5	3/8
6G-14FDHORX	M22 x 1.5	3/8
8G-12FDHORX	M20 x 1.5	1/2
8G-14FDHORX	M22 x 1.5	1/2
8G-16FDHORX	M24 x 1.5	1/2
8G-20FDHORX	M30 x 2.0	1/2
10G-16FDHORX	M24 x 1.5	5/8
10G-20FDHORX	M30 x 2.0	5/8
12G-20FDHORX	M30 x 2.0	3/4
16G-25FDHORX	M36 x 2.0	1
16G-30FDHORX	M42 x 2.0	1
20G-38FDHORX	M52 x 2.0	1-1/4

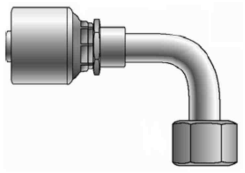
*Manufactured To Order - Minimum Order Quantities May Apply

45° Tube Female DIN Swivel Heavy Series O-Ring



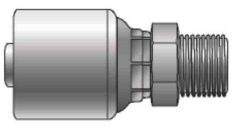
P/Number	Thread	Hose
4G-8FDHORX45	M16 x 1.5	1/4
4G-10FDHORX45	M18 x 1.5	1/4
4G-12FDHORX45	M20 x 1.5	1/4
5G-12FDHORX45	M20 x 1.5	5/16
6G-10FDHORX45	M18 x 1.5	3/8
6G-12FDHORX45	M20 x 1.5	3/8
6G-14FDHORX45	M22 x 1.5	3/8
8G-14FDHORX45	M22 x 1.5	1/2
8G-16FDHORX45	M24 x 1.5	1/2
10G-20FDHORX45	M30 x 2.0	5/8
16G-30FDHORX45	M42 x 2.0	1

90° Tube Female DIN Swivel Heavy Series O-Ring



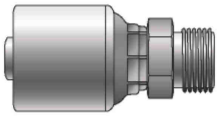
P/Number	Thread	Hose
4G-8FDHORX90	M16 x 1.5	1/4
4G-10FDHORX90	M18 x 1.5	1/4
4G-12FDHORX90	M20 x 1.5	1/4
5G-12FDHORX90	M20 x 1.5	5/16
6G-10FDHORX90	M18 x 1.5	3/8
6G-12FDHORX90	M20 x 1.5	3/8
6G-14FDHORX90	M22 x 1.5	3/8
8G-16FDHORX90	M24 x 1.5	1/2
10G-20FDHORX90	M30 x 2.0	5/8
12G-20FDHORX90	M30 x 2.0	3/4
16G-25FDHORX90	M36 x 2.0	1
16G-30FDHORX90	M42 x 2.0	1

Straight Male BSPT



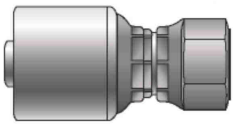
P/Number	Thread	Hose
4G-4MBSPT	1/4	1/4
4G-6MBSPT	3/8	1/4
6G-6MBSPT	3/8	3/8
8G-6MBSPT	3/8	1/2
8G-8MBSPT	1/2	1/2
10G-10MBSPT	5/8	5/8
12G-12MBSPT	3/4	3/4
16G-16MBSPT	1	1

Straight Male BSPP



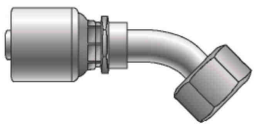
P/Number	Thread	Hose
4G-4MBSPP	1/4	1/4
6G-6MBSPP	3/8	3/8
6G-8MBSPP	1/2	3/8
8G-8MBSPP	1/2	1/2
10G-10MBSPP	5/8	5/8
10G-12MBSPP	3/4	5/8
12G-12MBSPP	3/4	3/4
16G-16MBSPP	1	1
20G-20MBSPP	1-1/4	1-1/4

Straight Female BSPP Swivel



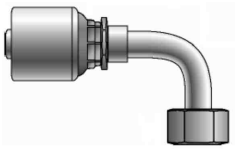
P/Number	Thread	Hose
4G-2FBSPX	1/8	1/4
4G-4FBSPORX	1/4	1/4
4G-6FBSPORX	3/8	1/4
6G-6FBSPORX	3/8	3/8
6G-8FBSPORX	1/2	3/8
8G-6FBSPORX	3/8	1/2
8G-8FBSPORX	1/2	1/2
8G-10FBSPORX	5/8	1/2
8G-12FBSPORX	3/4	1/2
10G-10FBSPORX	5/8	5/8
10G-12FBSPORX	3/4	5/8
12G-12FBSPORX	3/4	3/4
12G-16FBSPORX	1	3/4
16G-16FBSPORX	1	1
20G-20FBSPORX	1-1/4	1-1/4

45° Tube Female BSPP Swivel



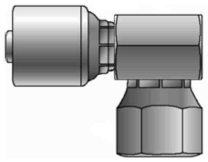
P/Number	Thread	Hose
4G-4FBSPORX45	1/4	1/4
6G-6FBSPORX45	3/8	3/8
6G-8FBSPORX45	1/2	3/8
8G-8FBSPORX45	1/2	1/2
8G-10FBSPORX45	5/8	1/2
10G-10FBSPORX45	5/8	5/8
10G-12FBSPORX45	3/4	5/8
12G-12FBSPORX45	3/4	3/4
16G-16FBSPORX45	1	1
20G-20FBSPORX45	1-1/4	1-1/4

90° Tube Female BSPP Swivel



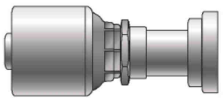
P/Number	Thread	Hose
4G-4FBSPORX90	1/4	1/4
4G-6FBSPORX90M	3/8	1/4
6G-6FBSPORX90	3/8	3/8
6G-8FBSPORX90	1/2	3/8
8G-8FBSPORX90	1/2	1/2
8G-10FBSPORX90	5/8	1/2
10G-10FBSPORX90	5/8	5/8
10G-12FBSPORX90	3/4	5/8
12G-12FBSPORX90	3/4	3/4
12G-16FBSPORX90	1	3/4
16G-16FBSPORX90	1	1
20G-20FBSPORX90	1-1/4	1-1/4

90° Compact Female BSPP Swivel



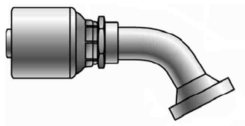
P/Number	Thread	Hose
4G-4FBSPORX90BL	1/4	1/4
6G-6FBSPORX90BL	3/8	3/8
6G-8FBSPORX90BL	1/2	3/8
8G-8FBSPORX90BL	1/2	1/2
8G-10FBSPORX90BL	5/8	1/2
10G-10FBSPORX90BL	5/8	5/8
12G-12FBSPORX90BL	3/4	3/4
16G-16FBSPORX90BL	1	1

Straight SAE O-Ring Flange Code 61



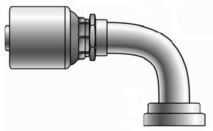
P/Number	Flange	Hose
8G-8FL	1/2	1/2
8G-12FL	3/4	1/2
12G-12FL	3/4	3/4
12G-16FL	1	3/4
16G-16FL	1	1
16G-20FL	1-1/4	1
20G-20FL	1-1/4	1-1/4
20G-24FL	1-1/2	1-1/4

45° Tube SAE O-Ring Flange Code 61



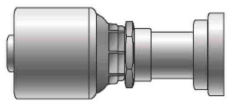
P/Number	Flange	Hose
12G-12FL45M	3/4	3/4
12G-16FL45S	1	3/4
16G-16FL45S	1	1
16G-20FL45S	1-1/4	1
20G-20FL45S	1-1/4	1-1/4

90° Tube SAE O-Ring Flange Code 61



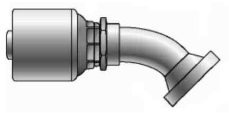
P/Number	Flange	Hose
8G-8FL90M	1/2	1/2
8G-12FL90M	3/4	1/2
12G-12FL90M	3/4	3/4
12G-16FL90S	1	3/4
16G-16FL90S	1	1
16G-20FL90S	1-1/4	1
20G-20FL90S	1-1/4	1-1/4

Straight Komatsu O-Ring Flange



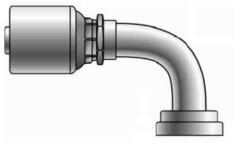
P/Number	Flange	Hose
8G-10FLK	5/8	1/2
10G-10FLK	5/8	5/8

45° Tube Komatsu O-Ring Flange



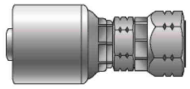
P/Number	Flange	Hose
10G-10FLK45	5/8	5/8

90° Tube Komatsu O-Ring Flange



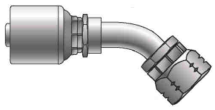
P/Number	Flange	Hose
10G-10FLK90	5/8	5/8

Straight Female Komatsu Metric Swivel



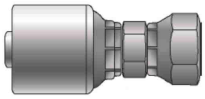
P/Number	Thread	Hose
4G-4FKX	M14 x 1.5	1/4
6G-6FKX	M18 x 1.5	3/8
8G-8FKX	M22 x 1.5	1/2
10G-10FKX	M24 x 1.5	5/8
12G-12FKX	M30 x 1.5	3/4
16G-16FKX	M33 x 1.5	1

45° Tube Female Komatsu Metric Swivel



P/Number	Thread	Hose
8G-8FKX45	M22 x 1.5	1/2

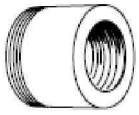
Straight Female JIS Swivel



P/Number	Thread	Hose
6G-6FJISX	9/16	3/8
8G-8FJISX	3/4	1/2

*Manufactured To Order - Minimum Order Quantities May Apply

Global Spiral Ferrules
GS: EFG3, 4, 5 & 6K
GSP: EFG3K & BRAIDED



P/Number	Hose Type	Hose Size
6GS1F-4	4 Spiral	3/8
8GS1F-4	4 Spiral	1/2
10GS1F-4	4 Spiral	5/8
12GS1F-4	4 Spiral	3/4
16GS1F-4	4 Spiral	1
20GS1F-4	4 Spiral	1-1/4
20GS1F-6	6 Spiral	1-1/4
24GSP1F-2	Braided	1-1/2
24GSP1F-4	4 Spiral	1-1/2
32GSP1F-2	Braided	2
32GSP1F-4	4 Spiral	2

Male O-Ring Boss



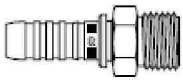
P/Number	Thread	Hose
6GS-6MB	9/16	3/8
12GS-12MB	1-1/16	3/4
12GS-16MB	1-5/16	3/4
16GS-16MB	1-5/16	1

Male Pipe
NPTF 30° Cone Seat



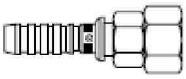
P/Number	Thread	Hose
6GS-6MP	3/8	3/8
6GS-8MP	1/2	3/8
8GS-8MP	1/2	1/2
8GS-12MP	3/4	1/2
10GS-8MP	1/2	5/8
10GS-12MP	3/4	5/8
12GS-12MP	3/4	3/4
12GS-16MP	1	3/4
16GS-12MP	3/4	1
16GS-16MP	1	1
16GS-20MP	1-1/4	1
20GS-20MP	1-1/4	1-1/4
24GSP-24MP	1-1/2	1-1/2
32GSP-32MP	2	2

Male British Standard Pipe
Parallel



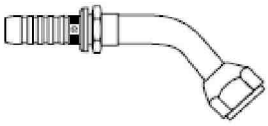
P/Number	Thread	Hose
6GS-6MBSPP	3/8	3/8
6GS-8MBSPP	1/2	3/8
8GS-8MBSPP	1/2	1/2
10GS-10MBSPP	5/8	5/8
10GS-12MBSPP	3/4	5/8
12GS-12MBSPP	3/4	3/4
16GS-16MBSPP	1	1
20GS-20MBSPP	1-1/4	1-1/4

Female British Standard Pipe
Parallel O-Ring Swivel



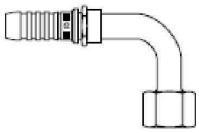
P/Number	Thread	Hose
6GS-6FBSPORX	3/8	3/8
6GS-8FBSPORX	1/2	3/8
8GS-8FBSPORX	1/2	1/2
8GS-10FBSPORX	5/8	1/2
10GS-10FBSPORX	5/8	5/8
10GS-12FBSPORX	3/4	5/8
12GS-12FBSPORX	3/4	3/4
16GS-16FBSPORX	1	1
20GS-20FBSPORX	1-1/4	1-1/4
24GSP-24FBSPORX	1-1/2	1-1/2
32GSP-32FBSPORX	2	2

Female British Standard Pipe
Parallel O-Ring Swivel
45° Bent Tube



P/Number	Thread	Hose
8GS-8FBSPORX45M	1/2	1/2
10GS-10FBSPORX45	5/8	5/8
10GS-12FBSPORX45	3/4	5/8
12GS-12FBSPORX45M	3/4	3/4
16GS-16FBSPORX45M	1	1
20GS-20FBSPORX45M	1-1/4	1-1/4
24GSP-24FBSPORX45.	1-1/2	1-1/2
32GSP-32FBSPORX45.	2	2

Female British Standard Pipe
Parallel O-Ring Swivel
90° Bent Tube



P/Number	Thread	Hose
6GS-6FBSPORX90M	3/8	3/8
8GS-8FBSPORX90M	1/2	1/2
10GS-10FBSPORX90	5/8	5/8
10GS-12FBSPORX90	3/4	5/8
12GS-12FBSPORX90M	3/4	3/4
16GS-16FBSPORX90	1	1
20GS-20FBSPORX90M	1-1/4	1-1/4
24GSP-24FBSPORX90	1-1/2	1-1/2
32GSP-32FBSPORX90	2	2

Male JIC 37° Flare



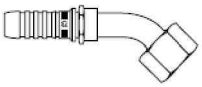
P/Number	Thread	Hose
6GS-6MJ	9/16	3/8
6GS-8MJ	3/4	3/8
6GS-10MJ	7/8	3/8
8GS-8MJ	3/4	1/2
8GS-10MJ	7/8	1/2
10GS-10MJ	7/8	5/8
10GS-12MJ	1-1/16	5/8
12GS-12MJ	1-1/16	3/4
12GS-14MJ	1-3/16	3/4
12GS-16MJ	1-5/16	3/4
16GS-16MJ	1-5/16	1
16GS-20MJ	1-5/8	1
20GS-20MJ	1-5/8	1-1/4
24GSP-20MJ	1-5/8	1-1/2
24GSP-24MJ	1-7/8	1-7/8
32GSP-32MJ	2-1/2	2

Female JIC 37° Flare Swivel



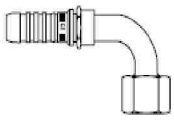
P/Number	Thread	Hose
6GS-6FJX	9/16	3/8
6GS-8FJX	3/4	3/8
8GS-8FJX	3/4	1/2
8GS-10FJX	7/8	1/2
8GS-12FJX	1-1/16	1/2
10GS-10FJX	7/8	5/8
10GS-12FJX	1-1/16	5/8
12GS-10FJX	7/8	3/4
12GS-12FJX	1-1/16	3/4
12GS-14FJX	1-3/16	3/4
12GS-16FJX	1-5/16	3/4
16GS-12FJX	1-1/16	1
16GS-14FJX	1-3/16	1
16GS-16FJX	1-5/16	1
16GS-20FJX	1-5/8	1
20GS-16FJX	1-5/16	1-1/4
20GS-20FJX	1-5/8	1-1/4
20GS-24FJX	1-7/8	1-1/4
24GSP-24FJX	1-7/8	1-1/2
24GSP-32FJX	2-1/2	1-1/2
32GSP-32FJX	2-1/2	2

Female JIC 37° Flare Swivel 45° Bent Tube



P/Number	Thread	Hose
6GS-6FJX45S	9/16	3/8
6GS-8FJX45S	3/4	3/8
8GS-8FJX45S	3/4	1/2
8GS-10FJX45S	7/8	1/2
10GS-10FJX45S	7/8	5/8
10GS-12FJX45S	1-1/16	5/8
12GS-12FJX45S	1-1/16	3/4
12GS-16FJX45S	1-5/16	3/4
16GS-16FJX45S	1-5/16	1
16GS-20FJX45S	1-5/8	1
20GS-20FJX45-038	1-5/8	1-1/4
24GSP-24FJX45-050	1-7/8	1-1/2

Female JIC 37° Flare Swivel 90° Bent Tube



P/Number	Thread	Hose
6GS-6FJX90S	9/16	3/8
6GS-6FJX90L	9/16	3/8
6GS-8FJX90M	3/4	3/8
8GS-8FJX90S	3/4	1/2
8GS-8FJX90M	3/4	1/2
8GS-8FJX90L	3/4	1/2
8GS-10FJX90S	7/8	1/2
8GS-10FJX90M	7/8	1/2
8GS-10FJX90L	7/8	1/2
8GS-12FJX90S	1-1/16	1/2
10GS-10FJX90MM90-0367/8		5/8
10GS-12FJX90M	1-1/16	5/8
12GS-12FJX90S	1-1/16	3/4
12GS-12FJX90M	1-1/16	3/4
12GS-12FJX90L	1-1/16	3/4
12GS-14FJX90-060	1-3/16	3/4
12GS-16FJX90S	1-5/16	3/4
12GS-16FJX90M	1-5/16	3/4
16GS-16FJX90S	1-5/16	1
16GS-16FJX90M	1-5/16	1
16GS-16FJX90L	1-5/16	1
16GS-20FJX90L	1-5/8	1
20GS-20FJX90S	1-5/8	1-1/4
20GS-20FJX90M	1-5/8	1-1/4
20GS-20FJX90L	1-5/8	1-1/4
24GSP-24FJX90-118	1-7/8	1-1/2
24GSP-24FJX90-089	1-7/8	1-1/2
32GSP-32FJX90M	2-1/2	2

Male Flat Face O-Ring



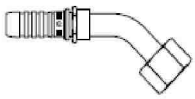
P/Number	Thread	Hose
6GS-6MFFOR	11/16	3/8
8GS-8MFFOR	13/16	1/2
12GS-12MFFOR	1-3/16	3/4
12GS-16MFFOR	1-7/16	3/4
16GS-16MFFOR	1-7/16	1
20GS-20MFFOR	1-11/16	1-1/4

Female Flat Face Swivel



P/Number	Thread	Hose
6GS-6FFORX	11/16	3/8
6GS-8FFORX	13/16	3/8
8GS-8FFORX	13/16	1/2
8GS-10FFORX	1	1/2
8GS-12FFORX	1-3/16	1/2
10GS-10FFORX	1	5/8
12GS-10FFORX	1	3/4
12GS-12FFORX	1-3/16	3/4
12GS-16FFORX	1-7/16	3/4
16GS-16FFORX	1-7/16	1
16GS-20FFORX	1-11/16	1
20GS-20FFORX	1-11/16	1-1/4
24GSP-24FFORX	2	1-1/2

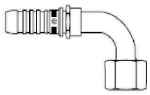
Female Flat Face Swivel 45° Bent Tube



P/Number	Thread	Hose
6GS-6FFORX45S	11/16	3/8
6GS-8FFORX45S	13/16	3/8
8GS-8FFORX45S	13/16	1/2
8GS-10FFORX45S	1	1/2
10GS-10FFORX45S	1	5/8
12GS-12FFORX45S	1-3/16	3/4
12GS-16FFORX45S	1-7/16	3/4
16GS-16FFORX45S	1-7/16	1
16GS-20FFORX45S	1-11/16	1
20GS-20FFORX45-032	1-11/16	1-1/4
24GSP-24FFORX45-036	2	1-1/2

*Supply To Order - Minimum Order Quantities May Apply

Female Flat Face Swivel 90° Bent Tube



P/Number	Thread	Hose
6GS-6FFORX90S	11/16	3/8
6GS-6FFORX90L	11/16	3/8
6GS-8FFORX90M	13/16	3/8
8GS-8FFORX90S	13/16	1/2
8GS-8FFORX90-083	13/16	1/2
8GS-10FFORX90M	1	1/2
10GS-10FFORX90M	1	5/8
10GS-10FFORX90L	1	5/8
12GS-10FFORX90S	1	3/4
12GS-12FFORX90S	1-3/16	3/4
12GS-12FFORX90M	1-3/16	3/4
12GS-12FFORX90L	1-3/16	3/4
12GS-16FFORX90S	1-7/16	3/4
12GS-16FFORX90L	1-7/16	3/4
16GS-16FFORX90S	1-7/16	1
16GS-16FFORX90M	1-7/16	1
16GS-16FFORX90L	1-7/16	1
16GS-20FFORX90M	1-11/16	1
20GS-20FFORX90S	1-11/16	1-1/4
20GS-20FFORX90M	1-11/16	1-1/4
20GS-20FFORX90L	1-11/16	1-1/4
24GSP-24FFORX90M	2	1-1/2
24GSP-24FFORX90L	2	1-1/2

Male 24° Cone - Heavy Series



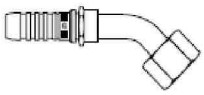
P/Number	Thread	Hose
6GS-12MDH	M20 x 1.5	3/8
6GS-14MDH	M22 x 1.5	3/8
8GS-16MDH	M24 x 1.5	1/2
10GS-20MDH	M30 x 2.0	5/8
12GS-20MDH	M30 x 2.0	3/4
12GS-25MDH	M36 x 2.0	3/4
12GS-30MDH	M42 x 2.0	3/4
16GS-25MDH	M36 x 2.0	1
16GS-30MDH	M42 x 2.0	1
20GS-38MDH	M52 x .20	1-1/4

Female DIN 24° Cone Swivel Heavy Series With O-Ring



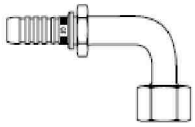
P/Number	Thread	Hose
6GS-12FDHORX	M20 x 1.5	3/8
6GS-14FDHORX	M22 x 1.5	3/8
8GS-14FDHORX	M22 x 1.5	1/2
8GS-16FDHORX	M24 x 1.5	1/2
8GS-20FDHORX	M30 x 2.0	1/2
10GS-20FDHORX	M30 x 2.0	5/8
10GS-25FDHORX	M36 x 2.0	5/8
12GS-20FDHORX	M30 x 2.0	3/4
12GS-25FDHORX	M36 x 2.0	3/4
16GS-25FDHORX	M36 x 2.0	1
16GS-30FDHORX	M42 x 2.0	1
20GS-38FDHORX	M52 x 2.0	1-1/4
24GS-38FDHORX	M52 x 2.0	1-1/2

Female DIN 24° Cone Swivel Heavy Series With O-Ring 45° Bent Tube



P/Number	Thread	Hose
6GS-12FDHORX45	M20 x 1.5	3/8
6GS-14FDHORX45	M22 x 1.5	3/8
8GS-16FDHORX45	M24 x 1.5	1/2
10GS-20FDHORX45	M30 x 2.0	5/8
12GS-20FDHORX45	M30 x 2.0	3/4
12GS-25FDHORX45	M36 x 2.0	3/4
16GS-25FDHORX45	M36 x 2.0	1
16GS-30FDHORX45	M42 x 2.0	1
20GS-38FDHORX45	M52 x 2.0	1-1/4

Female DIN 24° Cone Swivel Heavy Series With O-Ring 90° Bent Tube



P/Number	Thread	Hose
6GS-12FDHORX90	M20	3/8
6GS-14FDHORX90	M22	3/8
8GS-16FDHORX90M	M24	1/2
10GS-20FDHORX90M	M30	5/8
12GS-20FDHORX90M	M30	3/4
12GS-25FDHORX90M	M36	3/4
16GS-25FDHORX90	M36	3/4
16GS-30FDHORX90M	M42	1
20GS-38FDHORX90	M52	1-1/4

Code 61 O-Ring Flange



P/Number	Flange	Hose
6GS-8FL	1/2	3/8
8GS-8FL	1/2	1/2
8GS-12FL	3/4	1/2
8GS-10FLK	5/8	1/2
10GS-10FLK	5/8	5/8
10GS-12FL	3/4	5/8
12GS-8FL	1/2	3/4
12GS-10FLK	5/8	3/4
12GS-12FL	3/4	3/4
12GS-16FL	1	3/4
12GS-20FL	1-1/4	3/4
16GS-12FL	1	3/4
16GS-16FL	1	1
16GS-20FL	1-1/4	1
16GS-24FL	1-1/2	1
20GS-16FL	1	1-1/4
20GS-20FL	1-1/4	1-1/4
20GS-24FL	1-1/2	1-1/4
24GSP-20FL	1-1/4	1-1/2
24GSP-24FL	1-1/2	1-1/2
24GSP-32FL	2	1-1/2
32GSP-24FL	1-1/2	2
32GSP-32FL	2	2
32GSP-40FL	2-1/2	2

Code 61 O-Ring Flange 22.5° Bent Tube



P/Number	Flange	Hose
8GS-8FL22M	1/2	1/2
12GS-12FL22M	3/4	3/4
12GS-16FL22M	1	3/4
16GS-16FL22M	1	1
16GS-20FL22M	1-1/4	1
20GS-20FL22M	1-1/4	1-1/4
20GS-24FL22M	1-1/2	1-1/4
24GSP-24FL22M	1-1/2	1-1/2
24GSP-32FL22M	2	1-1/2
32GSP-32FL22M	2	2

Code 61 O-Ring Flange 30° Bent Tube



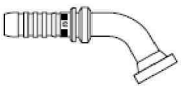
P/Number	Flange	Hose
8GS-12FL30M	3/4	1/2
12GS-12FL30M	3/4	3/4
12GS-16FL30M	1	3/4
16GS-16FL30M	1	1
16GS-20FL30M	1-1/4	1
20GS-20FL30M	1-1/4	1-1/4
20GS-24FL30M	1-1/2	1-1/4
24GSP-24FL30S	1-1/2	1-1/2
24GSP-32FL30M	2	1-1/2
32GSP-32FL30M	2	2

Code 61 O-Ring Flange 45° Bent Tube



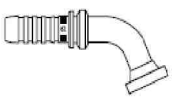
P/Number	Flange	Hose
6GS-8FL45M	1/2	3/8
8GS-8FL45M	1/2	1/2
8GS-12FL45M	3/4	1/2
10GS-10FLK45-026	5/8	5/8
10GS-12FL45M	3/4	5/8
12GS-12FL45M	3/4	3/4
12GS-16FL45S	1	3/4
16GS-16FL45M	1	1
16GS-20FL45M	1-1/4	1
20GS-16FL45M	1	1-1/4
20GS-20FL45S	1-1/4	1-1/4
20GS-24FL45S	1-1/2	1-1/4
24GSP-24FL45S	1-1/2	1-1/2
24GSP-32FL45S	2	1-1/2
32GSP-24FL45S	1-1/2	2
32GSP-32FL45-066	2	2

Code 61 O-Ring Flange 60° Bent Tube



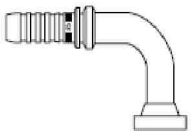
P/Number	Flange	Hose
8GS-8FL60M	1/2	1/2
12GS-12FL60M	3/4	3/4
12GS-16FL60M	1	3/4
16GS-16FL60M	1	1
16GS-20FL60M	1-1/4	1
20GS-20FL60M	1-1/4	1-1/4
20GS-24FL60M	1-1/2	1-1/4
24GSP-24FL60S	1-1/2	1-1/2
24GSP-32FL60S	2	1-1/2
32GSP-32FL60S	2	2

Code 61 O-Ring Flange 67.5° Bent Tube



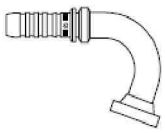
P/Number	Flange	Hose
12GS-12FL67M	3/4	3/4
12GS-16FL67M	1	3/4
16GS-16FL67M	1	1
16GS-20FL67M	1-1/4	1
20GS-20FL67M	1-1/4	1-1/4
24GSP-24FL67S	1-1/2	1-1/2
24GSP-32FL67S	2	1-1/2
32GSP-32FL67S	2	2

Code 61 O-Ring Flange 90° Bent Tube



P/Number	Flange	Hose
6GS-8FL90M	1/2	3/8
8GS-8FL90M	1/2	1/2
8GS-8FL90L	1/2	1/2
8GS-12FL90M	3/4	1/2
10GS-10FLK90-055	5/8	5/8
10GS-12FL90M	3/4	5/8
12GS-8FL90-050	1/2	3/4
12GS-10FLK90-055	5/8	3/4
12GS-12FL90M	3/4	3/4
12GS-12FL90-100	3/4	3/4
12GS-12FL90-125	3/4	3/4
12GS-16FL90S	1	3/4
12GS-16FL90M	1	3/4
12GS-20FL90-054	1-1/4	3/4
16GS-16FL90S	1	1
16GS-16FL90M	1	1
16GS-16FL90-120	1	1
16GS-20FL90S	1-1/4	1
16GS-20FL90M	1-1/4	1
16GS-24FL90S	1-1/2	1
16GS-24FL90-060	1-1/2	1
20GS-16FL90M	1	1-1/4
20GS-20FL90S	1-1/4	1-1/4
20GS-20FL90M	1-1/4	1-1/4
20GS-20FL90-168	1-1/4	1-1/4
20GS-24FL90S	1-1/2	1-1/4
20GS-24FL90-118	1-1/2	1-1/4
24GSP-24FL90M	1-1/2	1-1/2
24GSP-32FL90-080	2	1-1/2
24GSP-32FL90-170	2	1-1/2
32GSP-24FL90S	1-1/2	2
32GSP-32FL90-114	2	2
32GSP-32FL90-165	2	2
32GSP-32FL90-200	2	2
32GSP-40FL90-110	2-1/2	2

Code 61 O-Ring Flange 110° Bent Tube



P/Number	Flange	Hose
12GS-12FL110-064	3/4	3/4
16GS-16FL110-073	1	1
20GS-20FL110-080	1-1/4	1-1/4
20GS-24FL110-080	1-1/2	1-1/4
24GSP-24FL110-094	1-1/2	1-1/2
32GSP-32FL110	2	2

*Supply To Order - Minimum Order Quantities May Apply

Code 62 O-Ring Flange Heavy



P/Number	Flange	Hose
8GS-8FLH	1/2	1/2
8GS-12FLH	3/4	1/2
10GS-8FLH	1/2	5/8
12GS-12FLH	3/4	3/4
12GS-16FLH	1	3/4
16GS-12FLH	3/4	1
16GS-16FLH	1	1
16GS-20FLH	1-1/4	1
20GS-16FLH	1	1-1/4
20GS-20FLH	1-1/4	1-1/4
20GS-24FLH	1-1/2	1-1/4
24GSP-24FLH	1-1/2	1-1/2
24GSP-32FLH	2	1-1/2
32GSP-32FLH	2	2

Code 62 O-Ring Flange Heavy 22.5° Bent Tube



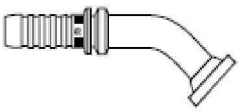
P/Number	Flange	Hose
16GS-16FLH22M	1	1
20GS-20FLH22M	1-1/4	1-1/4
20GS-24FLH22M	1-1/2	1-1/4

Code 62 O-Ring Flange Heavy 30° Bent Tube



P/number	Flange	Hose
16GS-16FLH30M	1	1
20GS-20FLH30M	1-1/4	1-1/4
20GS-24FLH30M	1-1/2	1-1/4

Code 62 O-Ring Flange Heavy 45° Bent Tube



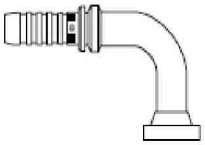
P/number	Flange	Hose
8GS-8FLH45M	1/2	1/2
8GS-12FLH45M	3/4	1/2
10GS-12FLH45M	3/4	5/8
12GS-12FLH45M	3/4	3/4
12GS-16FLH45M	1	3/4
16GS-16FLH45M	1	1
16GS-20FLH45M	1-1/4	1
20GS-20FLH45M	1-1/4	1-1/4
20GS-24FLH45M	1-1/2	1-1/4
24GSP-24FLH45M	1-1/2	1-1/2
24GSP-32FLH45S	2	1-1/2
32GSP-32FLH45-066	2	2

Code 62 O-Ring Flange Heavy 60° Bent Tube



P/Number	Flange	Hose
12GS-12FLH60M	3/4	3/4
12GS-16FLH60M	1	3/4
16GS-16FLH60M	1	1
20GS-20FLH60M	1-1/4	1-1/4
20GS-24FLH60M	1-1/2	1-1/4

Code 62 O-Ring Flange Heavy 90° Bent Tube



P/Number	Flange	Hose
8GS-8FLH90M	1/2	1/2
8GS-8FLH90-080	1/2	1/2
8GS-12FLH90M	3/4	1/2
10GS-8FLH90M	1/2	5/8
10GS-12FLH90M	3/4	5/8
12GS-12FLH90M	3/4	3/4
12GS-16FLH90M	1	3/4
16GS-12FLH90M	3/4	1
16GS-16FLH90S	1	1
16GS-16FLH90M	1	1
16GS-16FLH90-120	1	1
16GS-20FLH90S	1-1/4	1
16GS-20FLH90M	1-1/4	1
16GS-24FLH90S	1-1/2	1
20GS-16FLH90S	1	1-1/4
20GS-16FLH90M	1	1-1/4
20GS-16FLH90-100	1	1-1/4
20GS-20FLH90-076	1-1/4	1-1/4
20GS-20FLH90M	1-1/4	1-1/4
20GS-20FLH90-120	1-1/4	1-1/4
20GS-24FLH90S	1-1/2	1-1/4
24GSP-24FLH90-094	1-1/2	1-1/2
24GSP-32FLH90S	2	1-1/2
32GSP-32FLH90M	2	2

Caterpillar Style O-Ring Flange



P/Number	Flange	Hose
12GS-12FLC	3/4	3/4
12GS-16FLC	1	3/4
16GS-16FLC	1	1
16GS-20FLC	1-1/4	1
20GS-20FLC	1-1/4	1-1/4
20GS-24FLC	1-1/2	1-1/4

Caterpillar Style O-Ring Flange - 22.5° Bent Tube



P/Number	Flange	Hose
12GS-12FLC22-016	3/4	3/4
16GS-16FLC22-017	1	1
16GS-20FLC22-017	1-1/4	1
20GS-20FLC22-017	1-1/4	1-1/4
20GS-24FLC22-017	1-1/2	1-1/4

Caterpillar Style O-Ring Flange - 30° Bent Tube



P/Number	Flange	Hose
12GS-12FLC30-022	3/4	3/4
12GS-16FLC30-022	1	3/4
16GS-16FLC30-023	1	1
16GS-20FLC30-023	1-1/4	1
20GS-20FLC30-024	1-1/4	1-1/4
20GS-24FLC30-024	1-1/2	1-1/4

Caterpillar Style O-Ring Flange - 45° Bent Tube



P/Number	Flange	Hose
12GS-12FLC45-035	3/4	3/4
12GS-16FLC45-035	1	3/4
16GS-16FLC45-037	1	1
16GS-20FLC45-037	1-1/4	1
20GS-20FLC45-037	1-1/4	1-1/4
20GS-24FLC45-037	1-1/2	1-1/4

Caterpillar Style O-Ring Flange - 60° Bent Tube



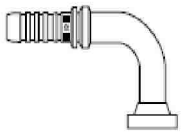
P/Number	Flange	Hose
12GS-16FLC60-048	1	3/4
16GS-16FLC60-050	1	1
16GS-20FLC60-050	1-1/4	1
20GS-20FLC60-052	1-1/4	1-1/4
20GS-24FLC60-052	1-1/2	1-1/4

Caterpillar Style O-Ring Flange - 67.5° Bent Tube



P/Number	Flange	Hose
16GS-16FLC67-057	1	1
16GS-20FLC67-057	1-1/4	1
20GS-20FLC67-059	1-1/4	1-1/4
20GS-24FLC67-059	1-1/2	1-1/4

Caterpillar Style O-Ring Flange - 90° Bent Tube



P/Number	Flange	Hose
12GS-12FLC90-068	3/4	3/4
12GS-12FLC90-128	3/4	3/4
12GS-16FLC90-068	1	3/4
16GS-16FLC90-074	1	1
16GS-16FLC90-132	1	1
16GS-20FLC90-074	1-1/4	1
20GS-20FLC90-077	1-1/4	1-1/4
20GS-24FLC90-077	1-1/2	1-1/4

*Supply To Order - Minimum Order Quantities May Apply

Male Pipe NPTF 30° Cone Seat



P/Number	Thread	Hose
24GSM-24MP	1-1/2	1-1/2

Male JIC 37° Flare



P/Number	Thread	Hose
24GSM-24MJ	1-7/8	1-1/2

Female JIC 37° Flare Swivel



P/Number	Thread	Hose
24GSM-24FJX	1-7/8	1-1/2
32GSM-32FJX	2-1/2	2

Female JIC 37° Flare Swivel 45° Bent Tube



P/Number	Thread	Hose
24GSM-24FJX45-034	1-7/8	1-1/2

Female JIC 37° Flare Swivel 90° Bent Tube



P/Number	Thread	Hose
24GSM-24FJX90M	1-7/8	1-1/2

Female BSPP Swivel



P/Number	Thread	Hose
24GSM-24FBSPORX	1-1/2	1-1/2
32GSM-32FBSPORX	2	2

Female Flat Face Swivel (4000 psi limited)



P/Number	Thread	Hose
24GSM-24FFORX/4K	2	1-1/2

Female Flat Face Swivel 45° Bent Tube (4000 psi limited)



P/Number	Thread	Hose
24GSM-24FFORX45/4K	2	1-1/2

Female Flat Face Swivel 90° Bent Tube (4000 psi limited)



P/Number	Thread	Hose
24GSM-24FFORX90M/4K	2	1-1/2

Female DIN 24° Cone Swivel Heavy Series with O-Ring



P/Number	Thread	Hose
24GSM-38FDHORX	38mm	1-1/2

Female DIN 24° Cone Swivel Heavy Series with O-Ring 45°Bent Tube



P/Number	Thread	Hose
24GSM-38FDHORX45	38mm	1-1/2

Female DIN 24° Cone Swivel Heavy Series with O-Ring 90°Bent Tube



P/Number	Thread	Hose
24GSM-38FDHORX90	38mm	1-1/2

Code 61 O-Ring Flange



P/Number	Flange	Hose
24GSM-24FL	1-1/2	1-1/2
24GSM-32FL	2	1-1/2
32GSM-32FL	2	2

Code 61 O-Ring Flange 30° Bent Tube



P/Number	Flange	Hose
24GSM-24FL30M	1-1/2	1-1/2

Code 61 O-Ring Flange 45° Bent Tube



P/Number	Flange	Hose
24GSM-24FL45M	1-1/2	1-1/2
24GSM-32FL45	2	1-1/2
32GSM-32FL45M	2	2

Code 61 O-Ring Flange 60° Bent Tube



P/Number	Flange	Hose
24GSM-24FL60M	1-1/2	1-1/2

Code 61 O-Ring Flange 90° Bent Tube



P/Number	Flange	Hose
24GSM-24FL90S	1-1/2	1-1/2
32GSM-32FL90-130	2	2

Code 62 O-Ring Flange Heavy



P/Number	Flange	Hose
24GSM-24FLH	1-1/2	1-1/2
24GSM-32FLH	2	1-1/2
32GSM-32FLH	2	2
32GSM-32FLHCFM	2	2

Code 62 O-Ring Flange Heavy 30° Bent Tube



P/number	Flange	Hose
24GSM-24FLH30	1-1/2	1-1/2

Code 62 O-Ring Flange Heavy 45° Bent Tube



P/number	Flange	Hose
24GSM-24FLH45M	1-1/2	1-1/2
24GSM-32FLH45M	2	1-1/2
32GSM-32FLH45-063	2	2
32GSM-32FLHCFM45-063		2

Code 62 O-Ring Flange Heavy 60° Bent Tube



P/Number	Flange	Hose
24GSM-24FLH60M	1-1/2	1-1/2
32GSM-32FLH60M	2	2

Code 62 O-Ring Flange Heavy 90° Bent Tube



P/Number	Flange	Hose
24GSM-24FLH90-094	1-1/2	1-1/2
24GSM-24FLH90-150	1-1/2	1-1/2
24GSM-32FLH90S	2	1-1/2
32GSM-32FLH90M	2	2
32GSM-32FLH90-159	2	2
32GSM-32FLHCFM90-120		2

*Manufactured To Order - Minimum Order Quantities May Apply

Caterpillar Style O-Ring Flange



P/Number	Flange	Hose
24GSM-24FLC	1-1/2	1-1/2

Caterpillar Style O-Ring Flange - 22.5° Bent Tube



P/Number	Flange	Hose
24GSM-24FLC22-017	1-1/2	1-1/2

Caterpillar Style O-Ring Flange - 30° Bent Tube



P/Number	Flange	Hose
24GSM-24FLC30-023	1-1/2	1-1/2

Caterpillar Style O-Ring Flange - 45° Bent Tube



P/Number	Flange	Hose
24GSM-24FLC45-039	1-1/2	1-1/2

Caterpillar Style O-Ring Flange - 60° Bent Tube



P/Number	Flange	Hose
24GSM-24FLC60-055	1-1/2	1-1/2

Caterpillar Style O-Ring Flange - 90° Bent Tube



P/Number	Flange	Hose
24GSM-24FLC90-087	1-1/2	1-1/2

Code 61 O-Ring Flange



P/Number	Flange	Hose
40GL-40FL	2-1/2	2-1/2
40GL-48FL	3	2-1/2
40GL-56FL	3-1/2	2-1/2
48GL-48FL	3	3
56GL-56FL	3-1/2	3-1/2
64GL-64FL	4	4

Code 61 O-Ring Flange 22.5° Bent Tube



P/Number	Flange	Hose
40GL-40FL22	2-1/2	2-1/2
40GL-48FL22	3	2-1/2
48GL-48FL22	3	3

Code 61 O-Ring Flange 30° Bent Tube



P/Number	Flange	Hose
40GL-40FL30	2-1/2	2-1/2
40GL-48FL30	3	2-1/2
48GL-48FL30	3	3

Code 61 O-Ring Flange 45° Bent Tube



P/Number	Flange	Hose
40GL-40FL45	2-1/2	2-1/2
40GL-48FL45	3	2-1/2
48GL-48FL45	3	3
48GL-56FL45	3-1/2	3
56GL-56FL45	3-1/2	3-1/2
56GL-64FL45	4	3-1/2

Code 61 O-Ring Flange 60° Bent Tube



P/Number	Flange	Hose
40GL-40FL60	2-/2	2-1/2
48GL-48FL60	3	3

Code 61 O-Ring Flange 67.5° Bent Tube



P/Number	Flange	Hose
40GL-40FL67	2-/2	2-1/2
48GL-48FL67	3	3
64GL-64FL67	4	4

Code 61 O-Ring Flange 90° Bent Tube



P/Number	Flange	Hose
40GL-40FL90	2-1/2	2-1/2
40GL-48FL90	3	2-1/2
48GL-48FL90	3	3
56GL-56FL90	3-1/2	3-1/2
64GL-64FL90	4	4

*Supply To Order - Minimum Order Quantities May Apply

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Section 4
Adaptors

*Manufactured To Order (minimum qtys may apply)

Nipples	J.I.C **C1**  P4.12	BSP.T/BSP.T **CB1**  P4.12	NPT.F/NPT.F **CN1**  P4.13	BSP.P/ BSP.P **CP1**  P4.12	BSP.P/BSP.T **CPB1**  P4.13	J.I.S.-G/J.I.S.-G **CPJ1**  P4.12
BSP.P/NPT.F **CPN1**  P4.13	BSP.P/BSP.P **CR1**  P4.12	UNO/UNO **CU1**  P4.13	O.R.F.S./O.R.F.S. **F1**  P4.12	J.I.C./J.I.C. **C2**  P4.13	S.A.E./S.A.E. **CA2**  P4.14	BSP.T/J.I.C **CB2**  P4.14
BSP.T/S.A.E. **CBA2**  P4.14	BSP.T./J.I.S.-G **CBJ2**  P4.14	DIN/J.I.C. **CM2**  P4.15	NPT.F./J.I.C **CN2**  P4.16	BSP.P/J.I.C **CP2**  P4.15	BSP.P/J.I.C. **CR2**  P4.14	O.R.F.S./O.R.S.F. **F2**  P4.13
BSP.P/O.R.F.S. **FP2**  P4.16	S.A.E. 'O' RING/J.I.C. **C3**  P4.16	S.A.E. 'O' RING/BSP.T **CB3**  P4.17	S.A.E. 'O' RING/NPT.F **CN3**  P4.17	S.A.E. 'O' RING/O.R.F.S **F3**  P4.17	S.A.E. 'O' RING/J.I.C. **C4**  P4.17	BSP.T/HOSETAIL **CB4**  P2.14
NPT.F/HOSETAIL **CN4**  P2.14	BSP.P/HOSETAIL **CP4**  P2.14	S.A.E. 'O' RING/HOSETAIL **C5**  P2.15	BSP.P/BSP.P **CP6**  P4.17	O.R.F.S./J.I.C. **F7**  P4.17		
Sockets	S.A.E./S.A.E. 'O' RING **C9**  P4.18	BSP.T/BSP.T **CB9**  P4.18	NPT.F/NPT.F **CN9**  P4.18	BSP.P/BSP.P **CP9**  P4.18		
Half Sockets	S.A.E. 'O' RING **C14**  P4.18	BSP.T **CB14**  P4.18	NPT.F **CN14**  P4.18	BSP.P **CP14**  P4.18		
Fixed Adaptors	BSP.T/BSP.T **CB18** P4.18	NPT.F/NPT.F **CN18** P4.18	BSP.T/J.I.C. **CB20** P4.19	NPT.F/J.I.C. **CN20** P4.19	BSP.P/J.I.C. **CP20** P4.19	S.A.E. 'O' RING/BSP.T **CB21** P4.19
S.A.E. 'O' RING/NPT.F **CN21** P4.19	J.I.C/J.I.C. **C22** P4.19	S.A.E. 'O' RING/BSP.T **CB22** P4.19	S.A.E. 'O' RING/NPT.F **CN22** P4.19			
Straight Unions	BSP.T/BSP.P **CB24** P4.20	NPT.F/NPS.M **CN24** P4.20	BSP.P/BSP.P **CP24** P4.20	BSP.P/BSP.P **CP24G** P4.20	BSP.P/BSP.P **CR24** P4.20	BSP.T/BSP.P **CB25** P4.20

For stainless steel quote standard part number and add suffix "SS". Enquire for price and availability.

Straight Unions Cont...	NPT.F/NPT.M **CN25**  P4.20	S.A.E. 'O' RING/J.I.C. **C26**  P4.20	S.A.E. 'O' RING/BSP.P **CB26**  P4.20	S.A.E. 'O' RING/NSP.M **CN26**  P4.21	BSP.T/J.I.C. **CB27**  P4.21	NPT.F/J.I.C. **CN27**  P4.21
BSP.P/J.I.C. **CP27**  P4.21	J.I.C/J.I.C **C27G**  P4.21	BSP.P/J.I.C. **CR27**  P4.21	O.R.F.S/O.R.F.S **F27G**  P4.21	BSP.P/J.I.C. **CP28**  P4.21	ORFS/J.I.C. **F28**  P4.21	J.I.C./ORFS **F29**  P4.21
45º Unions	J.I.C/J.I.C. **C30**  P4.22	BSP.T/BSP.P **CB30**  P4.22	NPT.F/NPT.M **CN30**  P4.22	S.A.E. 'O' RING/J.I.C. **C31**  P4.22	S.A.E. 'O' RING/NPS.M **CN31**  P4.22	
45º Elbows	BSP.T/BSP.T **CB36**  P4.22	NPT.F/NPT.F **CN36**  P4.22	BSP.T/BSP.T **CB37**  P4.22	NPT.F/NPT.F **CN37**  P4.22	BSP.T/J.I.C. **CB38**  P4.22	BSP.T/J.I.S. **CBJ38**  P4.23
NPT.F/J.I.C. **CN38**  P4.23	BSP.P/J.I.C. **CP38**  P4.23	BSP.T/BSP.T **CB39**  P4.23	S.A.E. 'O' RING/J.I.C. **C40**  P4.23	S.A.E./HOSETAIL **C41**  P2.15	BSP.T/HOSETAIL **CB41**  P2.15	NPT.F/HOSETAIL **CN41**  P2.15
J.I.C/J.I.C. **C42**  P4.23						
90º Unions	J.I.C/J.I.C. **C46**  P4.24	BSP.T/BSP.P **CB46**  P4.24	NPT.F/NPT.M **CN46**  P4.24	BSP.P/BSP.P **CP46**  P4.24	S.A.E. 'O' RING/J.I.C. **F46**  P4.24	S.A.E. 'O' RING/J.I.C. **C47**  P4.24
S.A.E. 'O' RING/BSP.P **CB47**  P4.24	S.A.E. 'O' RING/NPS.M **CN47**  P4.24	BSP.T/J.I.C. **CB48** P4.24				
90º Elbows	BSP.T/BSP.T **CB53** P4.25	NPT.F/NPT.F **CN53** P4.25	BSP.P/BSP.T **CPB53** P4.25	BSP.T/BSP.T **CB54** P4.25	NPT.F/NPT.F **CN54** P4.26	BSP.T/BSP.T **CB55** P4.26
NPT.F/NPT.F **CN55** P4.26	BSP.T/J.I.C. **CB56** P4.26	BSP.T/J.I.S.-G **CBJ56** P4.26	METRIC/J.I.C. **CM56** P4.27	NPT.F/J.I.C. **CN56** P4.27	BSP.P/J.I.C. **CP56** P4.26	BSP.P/O.R.F.S. **FP56** P4.27

*Manufactured To Order (minimum qtys may apply)

90° Elbows Cont...

BSP.T/J.I.C. **CB57**  P4.27

BSP.T/J.I.C. **CBS57**  P4.27

NPT.F/J.I.C. **CN57**  P4.27

J.I.C./J.I.C. **C58**  P4.28

BSP.T/J.I.C. **CB58**  P4.28

NPT.F/J.I.C. **CN58**  P4.28

S.A.E. 'O' RING/J.I.C. **C59**  P4.28

S.A.E. 'O' RING/BSP.T **CB59**  P4.29

S.A.E. 'O' RING/J.I.C. **CE59**  P4.28

S.A.E. 'O' RING/J.I.C. **CES59**  P4.29

S.A.E. 'O' RING/NPT.F **CN59**  P4.29

S.A.E. 'O' RING/J.I.C. **CS59**  P4.28

S.A.E. 'O' RING/O.R.F.S. **F59**  P4.28

S.A.E. 'O' RING/HOSETAIL **C60**  P2.15

BSP.T/HOSETAIL **CB60**  P2.15

NPT.F/HOSETAIL **CN60**  P2.16

BSP.P/HOSETAIL **CP60**  P2.16

J.I.C./J.I.C. **C61**  P4.29

S.A.E. 'O' RING/S.A.E. **CA61**  P4.29

Tees & Crosses

BSP.T/BSP.T/BSP.P **CB61**  P4.29

BSP.T/BSP.T/BSP.T **CB62**  P4.29

NPT.F/NPT.F/NPT.F **CN62**  P4.29

J.I.C./J.I.C./J.I.C. **C63**  P4.30

BSP.T/BSP.T/BSP.T **CB63**  P4.30

NPT.F/NPT.F/NPT.F **CN63**  P4.30

O.R.F.S./O.R.F.S./O.R.F.S. **F63**  P4.30

J.I.C./J.I.C./J.I.C. **C64**  P4.30

BSP.T/BSP.T/BSP.T **CB64**  P4.30

NPT.F/NPT.F/NPT.F **CN64**  P4.30

O.R.F.S./O.R.F.S./O.R.F.S. **F64**  P4.30

J.I.C./J.I.C./J.I.C. **C65**  P4.30

J.I.C./J.I.C./BSP.T **CB65**  P4.31

J.I.C./J.I.C./NPT.F **CN65**  P4.31

J.I.C./J.I.C./BSP.P **CP65**  P4.31

BSP.P/BSP.P/BSP.T **CBS66**  P4.31

NPT.F/NPT.F/NPT.F **CN66**  P4.31

J.I.C./BSP.T/J.I.C. **CB67**  P4.31

J.I.C./NPT.F/J.I.C. **CN67**  P4.31

J.I.C./BSP.P/J.I.C. **CP67**  P4.31

J.I.C/J.I.C./S.A.E. 'O' RING **C68**  P4.31

S.A.E. 'O' RING/J.I.C/J.I.C. **C69** P4.32

BSP.P/BSP.T/BSP.T **CB69** P4.32

J.I.C./J.I.C./J.I.C. **C70** P4.32

J.I.C./J.I.C./J.I.C. **C71** P4.32

J.I.C **C72** P4.32

BSP.T **CB72** P4.32

NPT.F **CN72** P4.32

Reducing Bushes

BSP.T/BSP.T **CB73** P4.33

BSP.P/BSP.P **CP73 (A)** P4.33

BSP.P/BSP.P **CP73 (B)** P4.33

NPT.F/NPT.F **CN73** P4.33

BSP.P/BSP.P **CR73** P4.33

S.A.E./S.A.E. 'O' RING **C74** P4.34

S.A.E. 'O' RING/BSP.T **CB74** P4.34

S.A.E. 'O' RING/NPT.F **CN74 (A)** P4.34

Plugs & Cap Nuts

S.A.E. 'O' RING **C77** P4.34

J.I.C **C77S** P4.34

BSP.T **CB77** P4.34

METRIC **CM77** P4.35

NPT.F **CN77** P4.35

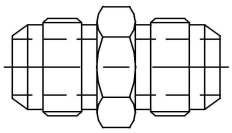
BSP.P **CP77** P4.35

 For stainless steel quote standard part number and add suffix "SS". Enquire for price and availability.

Plugs & Cap Nuts Cont...	BSP.P **CR77**  P4.34	J.I.C **CR77S**  P4.35	J.I.C **C78**  P4.35	O.R.F.S. **F78**  P4.35	J.I.C **C79**  P4.35	BSP.P **CBS79**  P4.35
O.R.F.S. **F79**  P4.35	METRIC/KOMATSU **CK79**  P4.35					
Bulkhead Nuts	J.I.C **C80**  P4.36	O.R.F.S. **F80**  P4.36				
Tube Nuts & Reducers	J.I.C **C83**  P4.36	O.R.F.S. **F83**  P4.36	J.I.C/J.I.C. **C84 (A)**  P4.37	J.I.C/J.I.C. **C84 (B)**  P4.37	O.R.F.S./O.R.F.S. **F84**  P4.37	
Tubeweld Fittings	J.I.C/TUBE **C86**  P4.37	BSP.T./TUBE **CB86**  P4.38	NPT.F/TUBE **CN86**  P4.38	J.I.C/TUBE **C87**  P4.38	BSP.P/TUBE **CB87**  P4.39	J.I.C/TUBE **C88**  P4.39
S.A.E. Flanges - Tubeweld	CODE 61 **C92**  P4.39	CODE 62 **C92H**  P4.39				
J.I.C. Tube Assemblies	J.I.C/J.I.C. **C93**  P4.39	J.I.C/J.I.C. **C93H**  P4.39	J.I.C/J.I.C. **C94**  P4.39	J.I.C/J.I.C. **C94H**  P4.40	J.I.C/J.I.C. **C95**  P4.40	
J.I.C. to S.A.E. Flange Tube Assemblies	CODE 61 **C96**  P4.40	CODE 62 **C96H**  P4.40	CODE 61 **C97**  P4.40	CODE 62 **C97H**  P4.40	CODE 61 **C98**  P4.41	CODE 62 **C98H**  P4.41
'O' Rings & Seals	S.A.E. 'O' RING THREAD **R01**  P4.42	S.A.E. FLANGE **R02**  P4.42	BSP.P THREAD **R03**  P4.42	BSP.P SEAL **R04**  P4.42	BSP.P SEAL **R04B**  P4.42	METRIC SEAL **R04M**  P4.42
O.R.F.S. THREAD **R06** P4.42	METRIC. FDKO **R08** P4.43	BSP.P RETAINING RING **R13** P4.43	SEAL RING **DKR** P4.43			

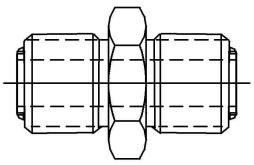
*Manufactured To Order (minimum qtys may apply)

Nipple M/M JIC x JIC



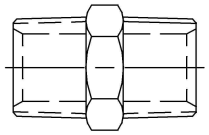
P/Number	Thread
C1-0707	7/16 x 7/16
C1-0808	1/2 x 1/2
C1-0907	9/16 x 7/16
C1-0909	9/16 x 9/16
C1-1207	3/4 x 7/16
C1-1209	3/4 x 9/16
C1-1212	3/4 x 3/4
C1-1412	7/8 x 3/4
C1-1414	7/8 x 7/8
C1-1709	1-1/16 x 9/16
C1-1712	1-1/16 x 3/4
C1-1714	1-1/16 x 7/8
C1-1717	1-1/16 x 1-1/16
C1-1917	1-3/16 x 1-1/16
C1-2114	1-5/16 x 7/8
C1-2117	1-5/16 x 1-1/16
C1-2119	1-5/16 x 1-3/16
C1-2121	1-5/16 x 1-5/16
C1-2621	1-5/8 x 1-5/16
C1-2626	1-5/8 x 1-5/8
C1-3026	1-7/8 x 1-5/8
C1-3030	1-7/8 x 1-7/8
C1-4040	2-1/2 x 2-1/2

Nipple M/M ORFS x ORFS



P/Number	Thread
F1-0909	9/16 x 9/16
F1-1111	11/16 x 11/16
F1-1313	13/16 x 13/16
F1-1616	1 x 1
F1-1916	1-3/16 x 1
F1-1919	1-3/16 x 1-3/16
F1-2323	1-7/16 x 1-7/16

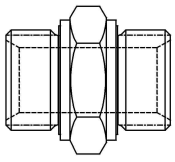
Nipple M/M BSPT x BSPT



P/Number	Thread
CB1-0202	1/8 x 1/8
CB1-0402	1/4 x 1/8
CB1-0402Z (1.6mm orifice)	1/4 x 1/8
CB1-0404	1/4 x 1/4
CB1-0604	3/8 x 1/4
CB1-0606	3/8 x 3/8
CB1-0804	1/2 x 1/4
CB1-0806	1/2 x 3/8
CB1-0808	1/2 x 1/2
CB1-1008	5/8 x 1/2
CB1-1010	5/8 x 5/8
CB1-1204	3/4 x 1/4
CB1-1206	3/4 x 3/8
CB1-1208	3/4 x 1/2
CB1-1212	3/4 x 3/4
CB1-1606	1 x 3/8
CB1-1608	1 x 1/2
CB1-1612	1 x 3/4
CB1-1616	1 x 1
CB1-2012	1-1/4 x 3/4
CB1-2016	1-1/4 x 1
CB1-2020	1-1/4 x 1-1/4
* CB1-2412	1-1/2 x 3/4
CB1-2416	1-1/2 x 1
CB1-2420	1-1/2 x 1-1/4
CB1-2424	1-1/2 x 1-1/2
* CB1-3220	2 x 1-1/4
CB1-3224	2 x 1-1/2
CB1-3232	2 x 2
CB1-4040	2-1/2 x 2-1/2

Nipple M/M BSPP x BSPP Encapsulated Seal

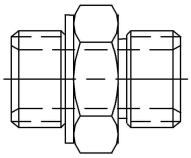
Included in the supply.



P/Number	Thread
CR1-0202	1/8 x 1/8
CR1-0404	1/4 x 1/4
CR1-0604	3/8 x 1/4
CR1-0606	3/8 x 3/8
CR1-0806	1/2 x 3/8
CR1-0808	1/2 x 1/2
CR1-1208	3/4 x 1/2
CR1-1212	3/4 x 3/4
CR1-1612	1 x 3/4
CR1-1616	1 x 1
CR1-2016	1-1/4 x 1
CR1-2020	1-1/4 x 1-1/4
CR1-2424	1-1/2 x 1-1/2

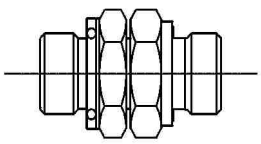
Nipple M/M BSPP x BSPP

Included in the supply is one 'O' Ring and Retainer Washer. Jump Threads are supplied with 'O' Ring & Retainer on large Thread only.



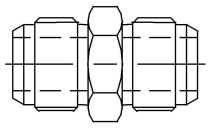
P/Number	Thread
CP1-0202	1/8 x 1/8
CP1-0404	1/4 x 1/4
CP1-0604	3/8 x 1/4
CP1-0606	3/8 x 3/8
CP1-0806	1/2 x 3/8
CP1-0808	1/2 x 1/2
CP1-1208	3/4 x 1/2
CP1-1212	3/4 x 3/4
CP1-1608	1 x 1/2
CP1-1612	1 x 3/4
CP1-1616	1 x 1
CP1-2016	1-1/4 x 1
CP1-2020	1-1/4 x 1-1/4
CP1-2420	1-1/2 x 1-1/4
CP1-2424	1-1/2 x 1-1/2
CP1-3232	2 x 2

Nipple M/M BSPP x BSPP Adjustable



P/Number	Thread
CR1-0606Z	3/8 x 3/8
CR1-0808Z	1/2 x 1/2

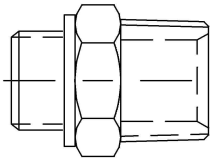
Nipple M/M JIS x JIS (BSPP x BSPP)



P/Number	Thread
CPJ1-0404	1/4 x 1/4
CPJ1-0606	3/8 x 3/8
CPJ1-0808	1/2 x 1/2
CPJ1-1212	3/4 x 3/4
CPJ1-1616	1 x 1

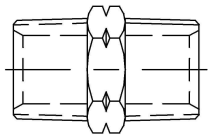
For stainless steel quote standard part number and add suffix "SS". Enquire for price and availability.

Nipple M/M BSPP x BSPT



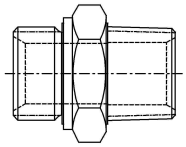
	P/Number	Thread
	CPB1-0204	1/8 x 1/4
	CPB1-0404	1/4 x 1/4
	CPB1-0406	1/4 x 3/8
	CPB1-0604	3/8 x 1/4
	CPB1-0606	3/8 x 3/8
	CPB1-0608	3/8 x 1/2
	CPB1-0804	1/2 x 1/4
	CPB1-0806	1/2 x 3/8
	CPB1-0808	1/2 x 1/2
	CPB1-0812	1/2 x 3/4
	CPB1-1208	3/4 x 1/2
	CPB1-1212	3/4 x 3/4
	CPB1-1216	3/4 x 1
	CPB1-1608	1 x 1/2
	CPB1-1612	1 x 3/4
	CPB1-1616	1 x 1
	CPB1-2016	1-1/4 x 1
	CPB1-2020	1-1/4 x 1-1/4
	CPB1-2420	1-1/2 x 1-1/4
	CPB1-2424	1-1/2 x 1-1/2
	CPB1-3220	2 x 1-1/4
*	CPB1-3224	2 x 1-1/2
	CPB1-3232	2 x 2

Nipple M/M NPTF x NPTF



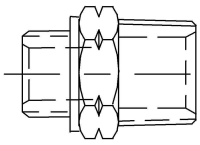
	P/Number	Thread
	CN1-0202	1/8 x 1/8
	CN1-0402	1/4 x 1/8
	CN1-0404	1/4 x 1/4
	CN1-0604	3/8 x 1/4
	CN1-0606	3/8 x 3/8
	CN1-0806	1/2 x 3/8
	CN1-0808	1/2 x 1/2
	CN1-1204	3/4 x 1/4
*	CN1-1206	3/4 x 3/8
	CN1-1208	3/4 x 1/2
	CN1-1212	3/4 x 3/4
	CN1-1608	1 x 1/2
	CN1-1612	1 x 3/4
	CN1-1616	1 x 1
*	CN1-2016	1-1/4 x 1
	CN1-2020	1-1/4 x 1-1/4
	CN1-2420	1-1/2 x 1-1/4
	CN1-2424	1-1/2 x 1-1/2
	CN1-3224	2 x 1-1/2
	CN1-3232	2 x 2
*	CN1-4040	2-1/2 x 2-1/2

Nipple M/M BSPP x BSPT Encapsulated Seal



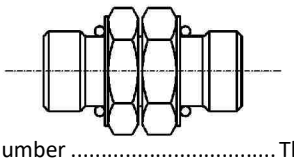
	P/Number	Thread
	CRB1-0604	3/8 x 1/4
	CRB1-0606	3/8 x 3/8
*	CRB1-0608	3/8 x 1/2
*	CRB1-0806	1/2 x 3/8
	CRB1-0808	1/2 x 1/2
	CRB1-1212	3/4 x 3/4
	CRB1-1616	1 x 1
*	CRB1-2016	1-1/4 x 1
	CRB1-2020	1-1/4 x 1-1/4

Nipple M/M BSPP x NPTF



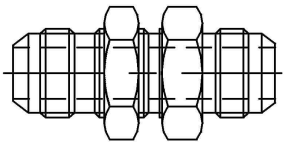
	P/Number	Thread
	CPN1-0404	1/4 x 1/4
*	CPN1-0604	3/8 x 1/4
	CPN1-0606	3/8 x 3/8
	CPN1-0608	3/8 x 1/2
*	CPN1-0806	1/2 x 3/8
	CPN1-0808	1/2 x 1/2
*	CPN1-0812	1/2 x 3/4
	CPN1-1212	3/4 x 3/4
	CPN1-1616	1 x 1
*	CPN1-1620	1 x 1-1/4
*	CPN1-2020	1-1/4 x 1-1/4
*	CPN1-2024	1-1/4 x 1-1/2

Nipple M/M UNO x UNO Adjustable



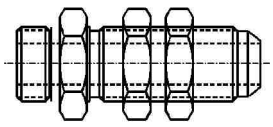
	P/Number	Thread
	CU1-0909	9/16 x 9/16
	CU1-1212	3/4 x 3/4
	CU1-1412	7/8 x 3/4
	CU1-2121	1-5/16 x 1-5/16

Bulkhead Nipple M/M JIC x JIC



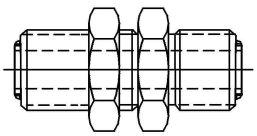
	P/Number	Thread
	C2-0707	7/16 x 7/16
	C2-0707-E56	7/16 x 7/16
	C2-0808	1/2 x 1/2
	C2-0909	9/16 x 9/16
	C2-0909-E59	9/16 x 9/16
	C2-1212	3/4 x 3/4
	C2-1212-E66	3/4 x 3/4
	C2-1414	7/8 x 7/8
	C2-1714	1-1/16 x 7/8
	C2-1717	1-1/16 x 1-1/16
	C2-1919	1-3/16 x 1-3/16
	C2-2121	1-5/16 x 1-5/16
	C2-2626	1-5/8 x 1-5/8
	C2-3030	1-7/8 x 1-7/8
	C2-4040	2-1/2 x 2-1/2

Bulkhead Nipple M/M UNO x JIC Extended



	P/Number	Thread
*	ZC2-1212	3/4 x 3/4
	ZC2-1414	7/8 x 7/8
*	ZC2-1717	1-1/16 x 1-1/16
*	ZC2-2121	1-5/16 x 1-5/16

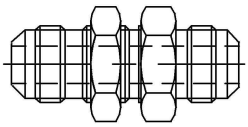
Bulkhead Nipple M/M ORFS x ORFS



	P/Number	Thread
	F2-0909	9/16 x 9/16
	F2-1111	11/16 x 11/16
	F2-1313	13/16 x 13/16
	F2-1616	1 x 1
	F2-1919	1-3/16 x 1-1/316
	F2-2323	1-7/16 x 1-7/16
	F2-2727	1-11/16 x 1-11/16

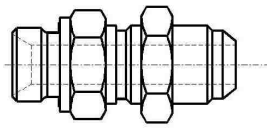
*Manufactured To Order (minimum qtys may apply)

Bulkhead Nipple M/M SAE x SAE



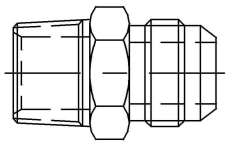
	P/Number	Thread
	CA2-1010	5/8 x 5/8
	CA2-1212	3/4 x 3/4
	CA2-1414	7/8 x 7/8
*	CA2-1717	1-1/16 x 1-1/16

Bulkhead Nipple M/M BSPP x JIC



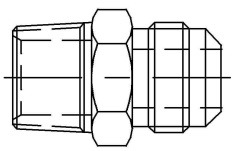
	P/Number	Thread
*	CR2-0609Z	3/8 x 9/16
	CR2-0814Z	1/2 x 7/8

Nipple M/M BSPT x JIC



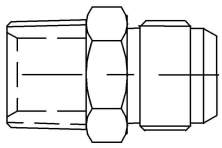
	P/Number	Thread
	CB2-0206	1/8 x 3/8
	CB2-0207	1/8 x 7/16
	CB2-0208	1/8 x 1/2
	CB2-0209	1/8 x 9/16
	CB2-0407	1/4 x 7/16
	CB2-0408	1/4 x 1/2
	CB2-0409	1/4 x 9/16
	CB2-0412	1/4 x 3/4
	CB2-0414	1/4 x 7/8
	CB2-0607	3/8 x 7/16
	CB2-0608	3/8 x 1/2
	CB2-0609	3/8 x 9/16
	CB2-0612	3/8 x 3/4
	CB2-0614	3/8 x 7/8
	CB2-0617	3/8 x 1-1/16
	CB2-0807	1/2 x 7/16
	CB2-0809	1/2 x 9/16
	CB2-0812	1/2 x 3/4
	CB2-0814	1/2 x 7/8
	CB2-0817	1/2 x 1-1/16
	CB2-0821	1/2 x 1-5/16
	CB2-1208	3/4 x 1/2
	CB2-1209	3/4 x 9/16
	CB2-1212	3/4 x 3/4
	CB2-1214	3/4 x 7/8
	CB2-1217	3/4 x 1-1/16
*	CB2-1219	3/4 x 1-3/16
	CB2-1221	3/4 x 1-5/16
	CB2-1612	1 x 3/4
	CB2-1614	1 x 7/8
	CB2-1617	1 x 1-1/16
	CB2-1621	1 x 1-5/16
	CB2-1626	1 x 1-5/8
	CB2-2017	1-1/4 x 1-1/16
	CB2-2021	1-1/4 x 1-5/16
	CB2-2026	1-1/4 x 1-5/8
	CB2-2030	1-1/4 x 1-7/8
*	CB2-2040	1-1/4 x 2-1/2
	CB2-2421	1-1/2 x 1-5/16
	CB2-2426	1-1/2 x 1-5/8
	CB2-2430	1-1/2 x 1-7/8
	CB2-3230	2 x 1-7/8
	CB2-3240	2 x 2-1/2

Nipple M/M BSPT x SAE



P/Number	Thread
CBA2-0410	1/4 x 5/8
CBA2-0610	3/8 x 5/8
CBA2-0810	1/2 x 5/8

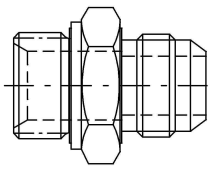
Nipple M/M BSPT x JIS



P/Number	Thread
CBJ2-0404	1/4 x 1/4
CBJ2-0606	3/8 x 3/8
CBJ2-0808	1/2 x 1/2
CBJ2-1212	3/4 x 3/4
CBJ2-1616	1 x 1

Nipple M/M BSPP x JIC Encapsulated Seal

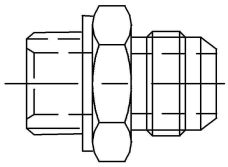
Included in the supply



P/Number	Thread
CR2-0207	1/8 x 7/16
CR2-0209	1/8 x 9/16
CR2-0407	1/4 x 7/16
CR2-0408	1/4 x 1/2
CR2-0409	1/4 x 9/16
CR2-0412	1/4 x 3/4
CR2-0607	3/8 x 7/16
CR2-0609	3/8 x 9/16
CR2-0612	3/8 x 3/4
CR2-0614	3/8 x 7/8
CR2-0809	1/2 x 9/16
CR2-0812	1/2 x 3/4
CR2-0814	1/2 x 7/8
CR2-0817	1/2 x 1-1/16
CR2-1209	3/4 x 9/16
CR2-1212	3/4 x 3/4
CR2-1214	3/4 x 7/8
CR2-1217	3/4 x 1-1/16
CR2-1221	3/4 x 1-5/16
CR2-1612	1 x 3/4
CR2-1614	1 x 7/8
CR2-1617	1 x 1-1/16
CR2-1621	1 x 1-5/16
CR2-1626	1 x 1-5/8
CR2-2017	1-1/4 x 1-1/16
CR2-2021	1-1/4 x 1-5/16
CR2-2026	1-1/4 x 1-5/8
CR2-2030	1-1/4 x 1-7/8
CR2-2421	1-1/2 x 1-5/16
CR2-2426	1-1/2 x 1-5/8
CR2-2430	1-1/2 x 1-7/8

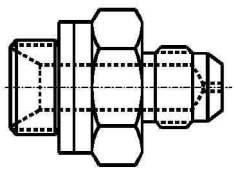
For stainless steel quote standard part number and add suffix "SS". Enquire for price and availability.

Nipple M/M BSPP x JIC



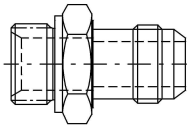
P/Number	Thread
CP2-0207	1/8 x 7/16
CP2-0209	1/8 x 9/16
CP2-0407	1/4 x 7/16
CP2-0408	1/4 x 1/2
CP2-0409	1/4 x 9/16
CP2-0412	1/4 x 3/4
CP2-0607	3/8 x 7/16
CP2-0609	3/8 x 9/16
CP2-0612	3/8 x 3/4
CP2-0614	3/8 x 7/8
CP2-0807	1/2 x 7/16
CP2-0809	1/2 x 9/16
CP2-0812	1/2 x 3/4
CP2-0814	1/2 x 7/8
CP2-0817	1/2 x 1-1/16
CP2-1209	3/4 x 9/16
CP2-1212	3/4 x 3/4
CP2-1214	3/4 x 7/8
CP2-1217	3/4 x 1-1/16
CP2-1221	3/4 x 1-5/16
CP2-1612	1 x 3/4
CP2-1614	1 x 7/8
CP2-1617	1 x 1-1/16
CP2-1621	1 x 1-5/16
CP2-1626	1 x 1-5/8
* CP2-2012	1-1/4 x 3/4
CP2-2017	1-1/4 x 1-1/16
CP2-2021	1-1/4 x 1-5/16
CP2-2026	1-1/4 x 1-5/8
CP2-2030	1-1/4 x 1-7/8
CP2-2040	1-1/4 x 2-1/2
CP2-2421	1-1/2 x 1-5/16
CP2-2426	1-1/2 x 1-5/8
CP2-2430	1-1/2 x 1-7/8
CP2-3226	2 x 1-5/8
CP2-3230	2 x 1-7/8
CP2-3240	2 x 2-1/2

Nipple M/M BSPP x JIC 1.5mm Orifice



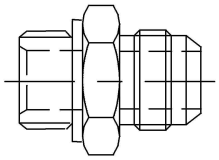
P/Number	Thread
CP2-0609-1.5MMDS	3/8 x 9/16

Nipple M/M BSPP x JIC Extended



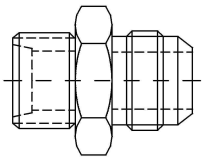
P/Number	Thread
* CP2-E90-0409	1/4 x 9/16
* CP2-E95-0409	1/4 x 9/16
* CP2-E160-0609	3/8 x 9/16
* CP2-E90-0609	3/8 x 9/16
* CP2-E70-0612	3/8 x 3/4
* CP2-E95-0612	3/8 x 3/4

Nipple M/M Metric Port Adaptor DIN x JIC



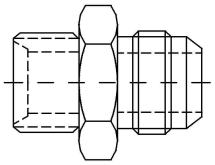
P/Number	Thread
CM2-0807	M8x1.0 x 7/16
CM2-0809	M8x1.0 x 9/16
CM2-1007	M10x1.0 x 7/16
CM2-1207	M12x1.5 x 7/16
CM2-1209	M12x1.5 x 9/16
CM2-1212	M12x1.5 x 3/4
CM2-1409	M14x1.5 x 9/16
CM2-1412	M14x1.5 x 3/4
CM2-1609	M16x1.5 x 9/16
CM2-1612	M16x1.5 x 3/4
CM2-1614	M16x1.5 x 7/8
CM2-1809	M18x1.5 x 9/16
CM2-1812	M18x1.5 x 3/4
CM2-1814	M18x1.5 x 7/8
CM2-1817	M18x1.5 x 1-1/16
ZCM2-2009	M20x1.5 x 9/16
CM2-2012	M20x1.5 x 1
CM2-2014	M20x1.5 x 7/8
CM2-2017	M20x1.5 x 1-1/16
CM2-2207	M22x1.5 x 7/16
CM2-2209	M22x1.5 x 9/16
CM2-2212	M22x1.5 x 3/4
CM2-2214	M22x1.5 x 7/8
CM2-2217	M22x1.5 x 1-1/16
CM2-2614	M26x1.5 x 7/8
CM2-2617	M26x1.5 x 1-1/16
CM2-2621	M26x1.5 x 1-5/16
CM2-2717	M27x2.0 x 1-1/16
CM2-2817	M28x2.0 x 1-1/16
CM2-2821	M28x2.0 x 1-5/16
CM2-3312	M33x2.0 x 3/4
CM2-3317	M33x2.0 x 1-1/16
CM2-3321	M33x2.0 x 1-5/16
CM2-3326	M33x2.0 x 1-5/8
CM2-4221	M42x2.0 x 1-5/16
CM2-4226	M42x2.0 x 1-5/8
CM2-4230	M42x2.0 x 1-7/8
CM2-4826	M48x2.0 x 1-5/8
CM2-4830	M48x2.0 x 1-7/8

Nipple M/M Metric Tube Adaptor Light Series DKL x JIC



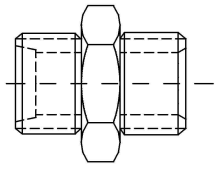
P/Number	Tube OD	Thread
* CM2L-1207	6L	M12x1.5 x 7/16
* CM2L-1209	6L	M12x1.5 x 9/16
CM2L-1409	8L	M14x1.5 x 9/16
* CM2L-1412	8L	M14x1.5 x 3/4
CM2L-1809	12L	M18x1.5 x 9/16
* CM2L-1812	12L	M18x1.5 x 3/4
CM2L-2212	15L	M22x1.5 x 3/4
* CM2L-2214	15L	M22x1.5 x 7/8

Nipple M/M Metric Tube Adaptor Strong Series DKS x JIC



P/Number	Tube OD	Thread
* CM2S-1809	10S	M18x1.5 x 9/16
* CM2S-2412	16S	M24x1.5 x 3/4
* CM2S-2417	16S	M24x1.5 x 1-1/16
* CM2S-3014	20S	M30x2.0 x 7/8
* CM2S-3617	25S	M36x2.0 x 1-1/16
* CM2S-4221	30S	M42x2.0 x 1-5/16

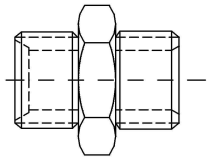
Nipple M/M Metric Tube Adaptor Light Series DKL x BSPP



P/Number	Tube OD	Thread
* CMP2L-1404	8L	M14x1.5 x 1/4
* CMP2L-1606	10L	M16x1.5 x 3/8
* CMP2L-1808	12L	M18x1.5 x 1/2
* CMP2L-2212	15L	M22x1.5 x 3/4
CMP2L-3012	22L	M30x2.0 x 3/4
CMP2L-3616	28L	M36x2.0 x 1

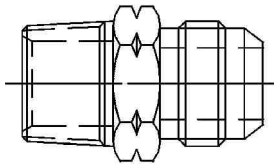
*Manufactured To Order (minimum qtys may apply)

Nipple M/M
Metric Tube Adaptor
Strong Series
DKS x BSPP



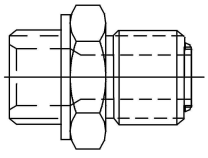
	P/Number	Tube OD	Thread
*	CMP2S-1604	8S	M16x1.5 x 1/4
*	CMP2S-1804	10S	M18x1.5 x 1/4
*	CMP2S-1806	10S	M18x1.5 x 3/8
*	CMP2S-2006	12S	M20x1.5 x 3/8
*	CMP2S-2208	14S	M22x1.5 x 1/2
*	CMP2S-2406	16S	M24x1.5 x 3/8
*	CMP2S-2408	16S	M24x1.5 x 1/2
*	CMP2S-3012	20S	M30x2.0 x 3/4
*	CMP2S-3612	25S	M36x2.0 x 3/4
*	CMP2S-4220	30S	M42x2.0 x 1-1/4
*	CMP2S-5224	38S	M52x2.0 x 1-1/2

Nipple M/M
NPTF x JIC



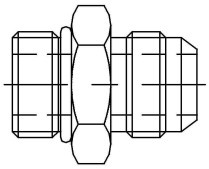
	P/Number	Thread
	CN2-0207	1/8 x 7/16
	CN2-0208	1/8 x 1/2
	CN2-0209	1/8 x 9/16
	CN2-0407	1/4 x 7/16
	CN2-0408	1/4 x 1/2
	CN2-0409	1/4 x 9/16
	CN2-0412	1/4 x 3/4
	CN2-0607	3/8 x 7/16
*	CN2-0608	3/8 x 1/2
	CN2-0609	3/8 x 9/16
	CN2-0612	3/8 x 3/4
	CN2-0614	3/8 x 7/8
	CN2-0617	3/8 x 1-1/16
	CN2-0807	1/2 x 7/16
	CN2-0809	1/2 x 9/16
	CN2-0812	1/2 x 3/4
	CN2-0814	1/2 x 7/8
	CN2-0817	1/2 x 1-1/16
	CN2-1207	3/4 x 7/16
	CN2-1209	3/4 x 9/16
	CN2-1212	3/4 x 3/4
	CN2-1214	3/4 x 7/8
	CN2-1217	3/4 x 1-1/16
*	CN2-1219	3/4 x 1-3/16
	CN2-1221	3/4 x 1-5/16
*	CN2-1226	3/4 x 1-5/8
	CN2-1614	1 x 7/8
	CN2-1617	1 x 1-1/16
	CN2-1621	1 x 1-5/16
	CN2-1626	1 x 1-5/8
	CN2-2017	1-1/4 x 1-1/16
	CN2-2021	1-1/4 x 1-5/16
*	CN2-2026	1-1/4 x 1-5/8
	CN2-2030	1-1/4 x 1-7/8
	CN2-2426	1-1/2 x 1-5/8
*	CN2-2430	1-1/2 x 1-7/8
	CN2-3230	2 x 1-7/8
	CN2-3240	2 x 2-1/2

Nipple M/M
BSPP x ORFS



	P/Number	Thread
	FP2-0409	1/4 x 9/16
	FP2-0611	3/8 x 11/16
	FP2-0811	1/2 x 11/16
	FP2-0813	1/2 x 13/16
	FP2-0816	1/2 x 1
	FP2-0819	1/2 x 1-3/16
	FP2-1216	3/4 x 1
	FP2-1219	3/4 x 1-3/16
	FP2-1623	1 x 1-7/16

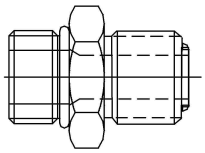
Nipple M/M
S.A.E. 'O' Ring Boss
x JIC



	P/Number	Thread
	C3-0609	3/8 x 9/16
	C3-0707	7/16 x 7/16
	C3-0709	7/16 x 9/16
	C3-0712	7/16 x 3/4
	C3-0807	1/2 x 7/16
	C3-0808	1/2 x 1/2
	C3-0809	1/2 x 9/16
	C3-0907	9/16 x 7/16
*	C3-0908	9/16 x 1/2
	C3-0909	9/16 x 9/16
	C3-0912	9/16 x 3/4
	C3-0914	9/16 x 7/8
	C3-1207	3/4 x 7/16
	C3-1208	3/4 x 1/2
	C3-1209	3/4 x 9/16
	C3-1212	3/4 x 3/4
	C3-1214	3/4 x 7/8
	C3-1217	3/4 x 1-1/16
	C3-1221	3/4 x 1-5/16
	C3-1409	7/8 x 9/16
	C3-1412	7/8 x 3/4
	C3-1414	7/8 x 7/8
	C3-1417	7/8 x 1-1/16
	C3-1421	7/8 x 1-5/16
	C3-1707	1-1/16 x 7/16
	C3-1709	1-1/16 x 9/16
	C3-1712	1-1/16 x 3/4
	C3-1714	1-1/16 x 7/8
	C3-1717	1-1/16 x 1-1/16
	C3-1721	1-1/16 x 1-5/16
	C3-1917	1-3/16 x 1-1/16
	C3-1919	1-3/16 x 1-3/16
	C3-2112	1-5/16 x 3/4
	C3-2114	1-5/16 x 7/8
	C3-2117	1-5/16 x 1-1/16
	C3-2119	1-5/16 x 1-3/16
	C3-2121	1-5/16 x 1-5/16
	C3-2126	1-5/16 x 1-5/8
	C3-2617	1-5/8 x 1-1/16
	C3-2621	1-5/8 x 1-5/16
	C3-2626	1-5/8 x 1-5/8
	C3-2630	1-5/8 x 1-7/8
	C3-3021	1-7/8 x 1-5/16
	C3-3026	1-7/8 x 1-5/8
	C3-3030	1-7/8 x 1-7/8
*	C3-3040	1-7/8 x 2-1/2
*	C3-4030	2-1/2 x 1-7/8
*	C3-4040	2-1/2 x 2-1/2

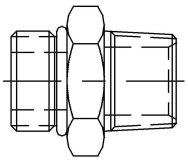
 For stainless steel quote standard part number and add suffix "SS". Enquire for price and availability.

Nipple M/M S.A.E. 'O' Ring Boss x ORFS



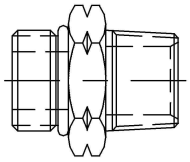
	P/Number	Thread
	F3-0709	7/16 x 9/16
	F3-0711	7/16 x 11/16
	F3-0909	9/16 x 9/16
	F3-0911	9/16 x 11/16
*	F3-1211	3/4 x 11/16
	F3-1213	3/4 x 13/16
	F3-1416	7/8 x 1
	F3-1719	1-1/16 x 1-3/16
	F3-1723	1-1/16 x 1-7/16
	F3-2123	1-5/16 x 1-7/16

Nipple M/M S.A.E. 'O' Ring Boss x BSPT



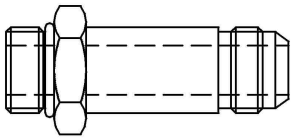
	P/Number	Thread
	CB3-0904	9/16 x 1/4
	CB3-0906	9/16 x 3/8
	CB3-0908	9/16 x 1/2
	CB3-1204	3/4 x 1/4
	CB3-1206	3/4 x 3/8
	CB3-1208	3/4 x 1/2
	CB3-1212	3/4 x 3/4
	CB3-1404	7/8 x 1/4
	CB3-1406	7/8 x 3/8
	CB3-1408	7/8 x 1/2
	CB3-1412	7/8 x 3/4
	CB3-1708	1-1/16 x 1/2
	CB3-1712	1-1/16 x 3/4
	CB3-1716	1-1/16 x 1
	CB3-1912	1-3/16 x 3/4
	CB3-2108	1-5/16 x 1/2
	CB3-2112	1-5/16 x 3/4
	CB3-2116	1-5/16 x 1
	CB3-2120	1-5/16 x 1-1/4
	CB3-2616	1-5/8 x 1
	CB3-2620	1-5/8 x 1-1/4
	CB3-2624	1-5/8 x 1-1/2
	CB3-3024	1-7/8 x 1-1/2

Nipple M/M S.A.E. 'O' Ring Boss x NPTF



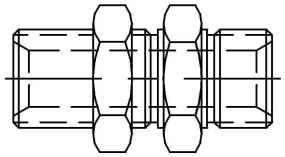
	P/Number	Thread
	CN3-0904	9/16 x 1/4
	CN3-0906	9/16 x 3/8
*	CN3-1204	3/4 x 1/4
	CN3-1206	3/4 x 3/8
*	CN3-1208	3/4 x 1/2
	CN3-1404	7/8 x 1/4
	CN3-1406	7/8 x 3/8
*	CN3-1408	7/8 x 1/2
*	CN3-1412	7/8 x 3/4
	CN3-1708	1-1/16 x 1/2
*	CN3-1712	1-1/16 x 3/4
	CN3-1716	1-1/16 x 1
	CN3-2112	1-5/16 x 3/4
*	CN3-2116	1-5/16 x 1
	CN3-2120	1-5/16 x 1-1/4
*	CN3-2616	1-5/8 x 1
*	CN3-2620	1-5/8 x 1-1/4
	CN3-2624	1-5/8 x 1-1/2
*	CN3-3024	1-7/8 x 1-1/2

Extended Nipple M/M S.A.E. 'O' Ring Boss x JIC



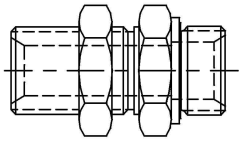
	P/Number	Thread
*	C4-0707	7/16 x 7/16
	C4-0808	1/2 x 1/2
	C4-0907	9/16 x 7/16
	C4-0909	9/16 x 9/16
	C4-1212	3/4 x 3/4
	C4-1412	7/8 x 3/4
	C4-1414	7/8 x 7/8
	C4-1417	7/8 x 1-1/16
*	C4-1714	1-1/16 x 7/8
	C4-1717	1-1/16 x 1-1/16
*	C4-2117	1-5/16 x 1-1/16
	C4-2121	1-5/16 x 1-5/16
*	C4-2626	1-5/8 x 1-5/8

Bulkhead Nipple M/M BSPP x BSPP



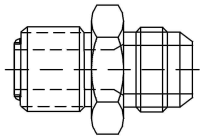
P/Number	Thread
CP6-0404	1/4 x 1/4
CP6-0606	3/8 x 3/8
CP6-0808	1/2 x 1/2
CP6-1212	3/4 x 3/4
CP6-1616	1 x 1
CP6-2020	1-1/4 x 1-1/4

Bulkhead Nipple M/M BSPP x BSPP Encapsulated Seal



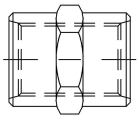
	P/number	Thread
*	CR6-0404	1/4 x 1/4
	CR6-0606	3/8 x 3/8
	CR6-0808	1/2 x 1/2
	CR6-1212	3/4 x 3/4
	CR6-1616	1 x 1

Nipple M/M ORFS x JIC



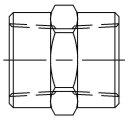
	P/Number	Thread
	F7-0907	9/16 x 7/16
	F7-1109	11/16 x 9/16
	F7-1312	13/16 x 3/4
	F7-1314	13/16 x 7/8
	F7-1614	1 x 7/8
	F7-1917	1-3/16 x 1-1/16
	F7-2321	1-7/16 x 1-5/16

Socket F/F S.A.E. 'O' Ring



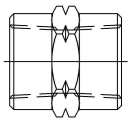
	P/Number	Thread
	C9-0707	7/16 x 7/16
	C9-0909	9/16 x 9/16
	C9-1212	3/4 x 3/4
	C9-1414	7/8 x 7/8
	C9-1717	1-1/16 x 1-1/16
	C9-2121	1-5/16 x 1-5/16
*	C9-2626	1-5/8 x 1-5/8

Socket F/F BSPT



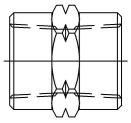
P/Number	Thread
CB9-0202	1/8 x 1/8
CB9-0402	1/4 x 1/8
CB9-0404	1/4 x 1/4
CB9-0602	3/8 x 1/8
CB9-0604	3/8 x 1/4
CB9-0606	3/8 x 3/8
CB9-0804	1/2 x 1/4
CB9-0806	1/2 x 3/8
CB9-0808	1/2 x 1/2
CB9-1208	3/4 x 1/2
CB9-1212	3/4 x 3/4
CB9-1612	1 x 3/4
CB9-1616	1 x 1
CB9-2020	1-1/4 x 1-1/4
CB9-2424	1-1/2 x 1-1/2
CB9-3232	2 x 2
CB9-4040	2-1/2 x 2-1/2

Socket F/F NPTF



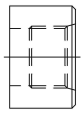
P/Number	Thread
CN9-0202	1/8 x 1/8
CN9-0404	1/4 x 1/4
CN9-0606	3/8 x 3/8
CN9-0808	1/2 x 1/2
CN9-1212	3/4 x 3/4
CN9-1616	1 x 1
CN9-2020	1-1/4 x 1-1/4
CN9-2424	1-1/2 x 1-1/2
CN9-3232	2 x 2
* CN9-4040	2-1/2 x 2-1/2
CN9-4848	3 x 3

Socket F/F BSPP



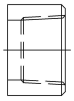
P/Number	Thread1/8 x 1/8
CP9-0404	1/4 x 1/4
CP9-0606	3/8 x 3/8
CP9-0808	1/2 x 1/2
CP9-1212	3/4 x 3/4
CP9-1616	1 x 1
CP9-2020	1-1/4 x 1-1/4
CP9-2424	1-1/2 x 1-1/2
CP9-3232	2 x 2

Half Socket F S.A.E. 'O' Ring



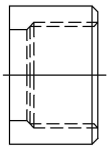
P/Number	Thread
C14-07	7/16
C14-08	1/2
C14-09	9/16
C14-12	3/4
C14-14	7/8
C14-17	1-1/16
C14-21	1-5/16
C14-26	1-5/8

Half Socket F BSPT



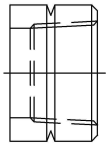
P/Number	Thread
CB14-02	1/8
CB14-04	1/4
CB14-06	3/8
CB14-08	1/2
CB14-12	3/4
CB14-16	1
CB14-20	1-1/4
CB14-24	1-1/2
CB14-32	2

Half Socket F BSPP



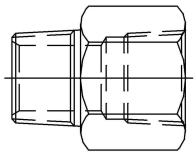
P/Number	Thread
* CP14-06	3/8
CP14-08	1/2
CP14-12	3/4
CP14-16	1
* CP14-20	1-1/4

Half Socket F NPTF



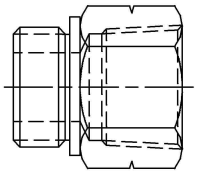
P/Number	Thread
CN14-02	1/8
CN14-04	1/4
CN14-06	3/8
CN14-08	1/2
CN14-12	3/4
CN14-16	1
* CN14-20	1-1/4
* CN14-24	1-1/2
CN14-32	2

Adaptor Fixed M/F BSPT x BSPT



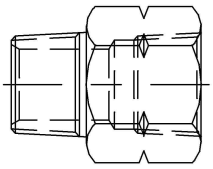
P/Number	Thread
CB18-0202	1/8 x 1/8
CB18-0204	1/8 x 1/4
CB18-0404	1/4 x 1/4
CB18-0406	1/4 x 3/8
CB18-0606	3/8 x 3/8
CB18-0608	3/8 x 1/2
CB18-0808	1/2 x 1/2
CB18-0812	1/2 x 3/4
CB18-1212	3/4 x 3/4
CB18-1616	1 x 1

Adaptor Fixed M/F BSPP x NPTF



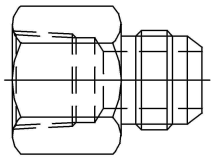
P/Number	Thread
CPN18-2016	1-1/4 x 1

Adaptor Fixed M/F NPTF x NPTF



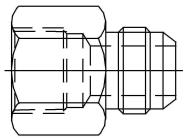
P/Number	Thread
CN18-0202	1/8 x 1/8
CN18-0204	1/8 x 1/4
CN18-0404	1/4 x 1/4
CN18-0406	1/4 x 3/8
CN18-0606	3/8 x 3/8
CN18-0608	3/8 x 1/2
CN18-0808	1/2 x 1/2
CN18-0812	1/2 x 3/4
CN18-1212	3/4 x 3/4
* CN18-1616	1 x 1
* CN18-2020	1-1/4 x 1-1/4
* CN18-2424	1-1/2 x 1-1/2

Adaptor Fixed F/M BSPT x JIC



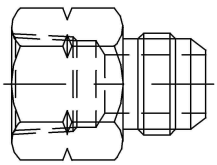
P/Number	Thread
CB20-0207	1/8 x 7/16
CB20-0209	1/8 x 9/16
CB20-0407	1/4 x 7/16
CB20-0408	1/4 x 1/2
CB20-0409	1/4 x 9/16
CB20-0609	3/8 x 9/16
CB20-0612	3/8 x 3/4
CB20-0809	1/2 x 9/16
CB20-0812	1/2 x 3/4
CB20-0814	1/2 x 7/8
CB20-0817	1/2 x 1-1/16
CB20-1217	3/4 x 1-1/16
CB20-1621	1 x 1-5/16

Gauge Adaptor Fixed F/M BSPP x JIC



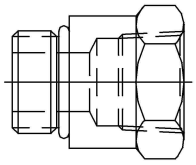
P/Number	Thread
CP20-0407G	1/4 x 7/16
CP20-0409G	1/4 x 9/16
CP20-0809G	1/2 x 9/16

Adaptor Fixed F/M NPTF x JIC



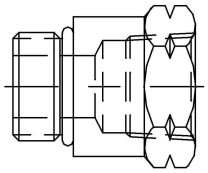
P/Number	Thread
CN20-0207	1/8 x 7/16
CN20-0208	1/8 x 1/2
CN20-0209	1/8 x 9/16
CN20-0407	1/4 x 7/16
CN20-0408	1/4 x 1/2
CN20-0409	1/4 x 9/16
CN20-0609	3/8 x 9/16
CN20-0612	3/8 x 3/4
CN20-0812	1/2 x 3/4
CN20-0814	1/2 x 7/8
CN20-1217	3/4 x 1-1/16
CN20-1621	1 x 1-5/16
* CN20-2026	1-1/4 x 1-5/8
* CN20-2430	1-1/2 x 1-7/8
CN20-3240	2 x 2-1/2

Adaptor Fixed M/F S.A.E. 'O' Ring Boss x BSPT



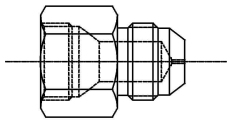
P/Number	Thread
CB21-0704	7/16 x 1/4
CB21-0904	9/16 x 1/4
CB21-0906	9/16 x 3/8
CB21-1206	3/4 x 3/8
CB21-1208	3/4 x 1/2
CB21-1406	7/8 x 3/8
CB21-1408	7/8 x 1/2
CB21-1708	1-1/16 x 1/2
CB21-1712	1-1/16 x 3/4

Adaptor Fixed M/F S.A.E. 'O' Ring Boss x NPTF



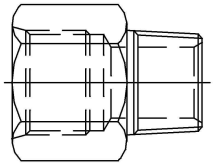
P/Number	Thread
* CN21-0704	7/16 x 1/4
* CN21-0904	9/16 x 1/4
* CN21-0906	9/16 x 3/8
* CN21-1206	3/4 x 3/8
* CN21-1208	3/4 x 1/2
CN21-1408	7/8 x 1/2
* CN21-1708	1-1/16 x 1/2
* CN21-1712	1-1/16 x 3/4
* CN21-1716	1-1/16 x 1
CN21-2112	1-5/16 x 3/4
* CN21-2116	1-5/16 x 1
* CN21-2616	1-5/8 x 1
* CN21-2620	1-5/8 x 1-1/4

Adaptor Fixed F/M JIC x JIC



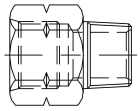
P/Number	Thread
* C22-0707	7/16 x 7/16
* C22-0909	9/16 x 9/16
* C22-1212	3/4 x 3/4
* C22-1414	7/8 x 7/8
C22-1717	1-1/16 x 1-1/16
* C22-2121	1-5/16 x 1-5/16
C22-0707Z	(0.6mm orifice). 7/16x7/16
C22-0909Z	(0.9mm orifice). 9/16x9/16
C22-1212Z	(0.9mm orifice)..... 3/4x3/4
C22-1414Z	(1.2mm orifice)..... 7/8x7/8

Adaptor Fixed F/M S.A.E. 'O' Ring Boss x BSPT



P/Number	Thread
CB22-0906	9/16 x 3/8
CB22-1206	3/4 x 3/8
CB22-1208	3/4 x 1/2
CB22-1406	7/8 x 3/8
CB22-1408	7/8 x 1/2
CB22-1712	1-1/16 x 3/4
CB22-2116	1-5/16 x 1

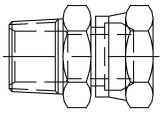
Adaptor F/M S.A.E. 'O' Ring Boss x NPTF



P/Number	Thread
CN22-1712	1-1/16 x 3/4

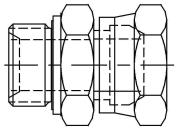
*Manufactured To Order (minimum qtys may apply)

Straight Union M/F BSPT x BSPP



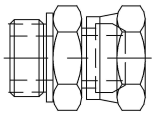
P/Number	Thread
CB24-0202	1/8 x 1/8
CB24-0404	1/4 x 1/4
CB24-0606	3/8 x 3/8
CB24-0608	3/8 x 1/2
CB24-0806	1/2 x 3/8
CB24-0808	1/2 x 1/2
CB24-1212	3/4 x 3/4
CB24-1216	3/4 x 1
CB24-1616	1 x 1
CB24-1620	1 x 1-1/4
CB24-1624	1 x 1-1/2
CB24-2020	1-1/4 x 1-1/4
CB24-2424	1-1/2 x 1-1/2

Straight Union M/F BSPP x BSPP Encapsulated Seal



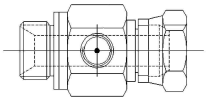
P/Number	Thread
CR24-0404	1/4 x 1/4
CR24-0606	3/8 x 3/8
CR24-0608	3/8 x 1/2
CR24-0808	1/2 x 1/2
CR24-1212	3/4 x 3/4
CR24-1616	1 x 1
CR24-2020	1-1/4 x 1-1/4

Straight Union M/F BSPP x BSPP



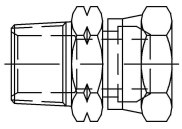
P/Number	Thread
CP24-0404	1/4 x 1/4
CP24-0606	3/8 x 3/8
CP24-0608	3/8 x 1/2
CP24-0808	1/2 x 1/2
CP24-1212	3/4 x 3/4
CP24-1616	1 x 1
* CP24-1620	1 x 1-1/4
CP24-2020	1-1/4 x 1-1/4

Straight Union M/F BSPP x BSPP with 7/16" UNO Gauge Point



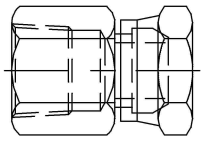
P/Number	Thread
CP24G-040407	1/4 x 1/4 x 7/16
CP24G-060607	3/8 x 3/8 x 7/16
CP24G-080807	1/2 x 1/2 x 7/16
CP24G-121207	3/4 x 3/4 x 7/16
CP24G-161607	1 x 1 x 7/16
CP24G-202007	1-1/4 x 1-1/4 x 7/16

Straight Union M/F NPTF x NPSM



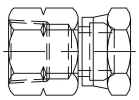
P/Number	Thread
CN24-0202	1/8 x 1/8
CN24-0404	1/4 x 1/4
CN24-0606	3/8 x 3/8
* CN24-0608	3/8 x 1/2
CN24-0808	1/2 x 1/2
CN24-1212	3/4 x 3/4
CN24-1616	1 x 1
CN24-2020	1-1/4 x 1-1/4
CN24-2424	1-1/2 x 1-1/2

Straight Union F/F BSPT x BSPP



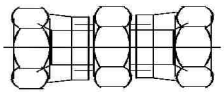
P/Number	Thread
CB25-0404	1/4 x 1/4
CB25-0606	3/8 x 3/8
CB25-0808	1/2 x 1/2
CB25-1212	3/4 x 3/4
CB25-1616	1 x 1

Straight Union F/F NPTF x NPSM



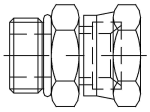
P/Number	Thread
* CN25-0404	1/4 x 1/4
CN25-0606	3/8 x 3/8
CN25-0808	1/2 x 1/2
CN25-1212	3/4 x 3/4
CN25-1616	1 x 1

Straight Union F/F SWIVEL x JIC



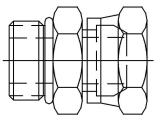
P/Number	Thread
CS25-0707	7/16 x 7/16
CS25-0909	9/16 x 9/16
CS25-1212	3/4 x 3/4
CS25-1414	7/8 x 7/8
CS25-1717	1-1/16 x 1-1/16
CS25-2121	1-5/16 x 1-5/16

Straight Union M/F S.A.E. 'O' Ring Boss x JIC



P/Number	Thread
C26-0707	7/16 x 7/16
C26-0909	9/16 x 9/16
C26-0912	9/16 x 3/4
C26-1209	3/4 x 9/16
C26-1212	3/4 x 3/4
C26-1414	7/8 x 7/8
C26-1417	7/8 x 1-1/16
C26-1717	1-1/16 x 1-1/16
C26-2121	1-5/16 x 1-5/16
C26-2626	1-5/8 x 1-5/8
* C26-3030	1-7/8 x 1-7/8

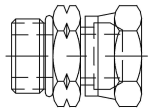
Straight Union M/F S.A.E. 'O' Ring Boss x BSPP



P/Number	Thread
CB26-0704	7/16 x 1/4
CB26-0904	9/16 x 1/4
CB26-1206	3/4 x 3/8
CB26-1208	3/4 x 1/2
CB26-1406	7/8 x 3/8
CB26-1408	7/8 x 1/2
* CB26-1412	7/8 x 3/4
CB26-1712	1-1/16 x 3/4
CB26-2116	1-5/16 x 1
* CB26-2620	1-5/8 x 1-1/4

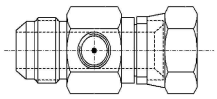
For stainless steel quote standard part number and add suffix "SS". Enquire for price and availability.

Straight Union M/F S.A.E. 'O' Ring Boss x NPSM



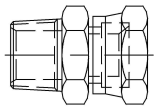
	P/Number	Thread
*	CN26-1206	3/4 x 3/8
	CN26-1208	3/4 x 1/2
*	CN26-1408	7/8 x 1/2
*	CN26-1412	7/8 x 3/4
*	CN26-1712	1-1/16 x 3/4
*	CN26-2116	1-5/16 x 1
	CN26-2620	1-5/8 x 1-1/4

Straight Union M/F JIC x JIC with 7/16" UNO Gauge Point



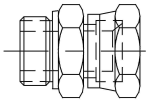
P/Number	Thread
C27G-070707	7/16 x 7/16 x 7/16
C27G-090907	9/16 x 9/16 x 7/16
C27G-121207	3/4 x 3/4 x 7/16
C27G-141407	7/8 x 7/8 x 7/16
C27G-171707	1-1/16 x 1-1/16 x 7/16
C27G-212107	1-5/16 x 1-5/16 x 7/16
C27G-262607	1-5/8 x 1-5/8 x 7/16

Straight Union M/F BSPT x JIC



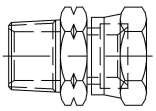
P/Number	Thread
CB27-0207	1/8 x 7/16
CB27-0407	1/4 x 7/16
CB27-0409	1/4 x 9/16
CB27-0609	3/8 x 9/16
CB27-0612	3/8 x 3/4
CB27-0614	3/8 x 7/8
CB27-0812	1/2 x 3/4
CB27-0814	1/2 x 7/8
CB27-0817	1/2 x 1-1/16
CB27-1217	3/4 x 1-1/16
CB27-1621	1 x 1-5/16
CB27-2026	1-1/4 x 1-5/8

Straight Union M/F BSPP x JIC



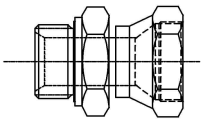
P/Number	Thread
CP27-0407	1/4 x 7/16
CP27-0409	1/4 x 9/16
CP27-0609	3/8 x 9/16
CP27-0612	3/8 x 3/4
CP27-0614	3/8 x 7/8
CP27-0812	1/2 x 3/4
CP27-0814	1/2 x 7/8
CP27-1214	3/4 x 7/8
CP27-1217	3/4 x 1-1/16
CP27-1617	1 x 1-1/16
CP27-1621	1 x 1-5/16
CP27-1626	1 x 1-5/8
CP27-2021	1-1/4 x 1-5/16
CP27-2026	1-1/4 x 1-5/8
CP27-2430	1-1/2 x 1-7/8

Straight Union M/F NPTF x JIC



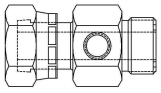
P/Number	Thread
CN27-0407	1/4 x 7/16
CN27-0409	1/4 x 9/16
CN27-0609	3/8 x 9/16
CN27-0612	3/8 x 3/4
CN27-0812	1/2 x 3/4
CN27-0814	1/2 x 7/8
CN27-1217	3/4 x 1-1/16
CN27-1621	1 x 1-5/16

Straight Union M/F BSPP x JIC Encapsulated Seal



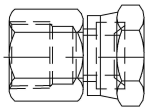
P/Number	Thread
CR27-0407	1/4 x 7/16
CR27-0409	1/4 x 9/16
CR27-0609	3/8 x 9/16
CR27-0612	3/8 x 3/4
CR27-0614	3/8 x 7/8
CR27-0812	1/2 x 3/4
CR27-0814	1/2 x 7/8
* CR27-1214	3/4 x 7/8
* CR27-1217	3/4 x 1-1/16
CR27-1617	1 x 1-1/16
CR27-1621	1 x 1-5/16
CR27-2026	1-1/4 x 1-5/8

Straight Union M/F ORFS x ORFS with 7/16" UNO Gauge Point



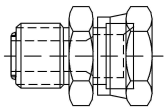
P/Number	Thread
F27G-090907	9/16 x 9/16 x 7/16
F27G-111107	11/16 x 11/16 x 7/16
F27G-131307	13/16 x 13/16 x 7/16
F27G-161607	1 x 1 x 7/16
F27G-191907	1-3/16 x 1-3/16 x 7/16
F27G-232307	1-7/16 x 1-7/16 x 7/16
F27G-272707	1-11/16 x 1-11/16 x 7/16

Gauge Adaptor Union F/F BSPP x JIC Gauge



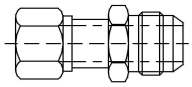
P/Number	Thread
CP28-0409G	1/4 x 9/16

Straight Union M/F ORFS x JIC



P/Number	Thread
F28-1109	11/16 x 9/16
F28-1312	13/16 x 3/4
F28-1614	1 x 7/8
* F28-1917	1-3/16 x 1-1/16
F28-2321	1-7/16 x 1-5/16

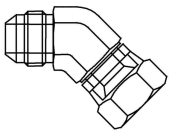
Straight Union F/M ORFS x JIC



P/Number	Thread
F29-0907	9/16 x 7/16
F29-1109	11/16 x 9/16
F29-1312	13/16 x 3/4
F29-1614	1 x 7/8
F29-1917	1-3/16 x 1-1/16
F29-2321	1-7/16 x 1-5/16
* F29-2726	1-11/16 x 1-5/8

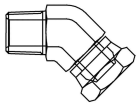
*Manufactured To Order (minimum qtys may apply)

45 deg Union M/F JIC x JIC



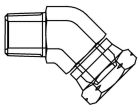
P/Number	Thread
C30-0707F	7/16 x 7/16
C30-0709F	7/16 x 9/16
C30-0808F	5/8 x 5/8
C30-0909F	9/16 x 9/16
C30-1212F	3/4 x 3/4
C30-1412F	7/8 x 3/4
C30-1414F	7/8 x 7/8
C30-1717F	1-1/16 x 1-1/16
C30-2121F	1-5/16 x 1-5/16
C30-2626F	1-5/8 x 1-5/8
C30-3030	1-7/8 x 1-7/8
C30-4040	2-1/2 x 2-1/2

45 deg Union M/F BSPT x BSPP



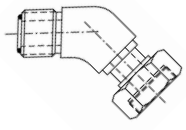
P/Number	Thread
CB30-0202F	1/8 x 1/8
CB30-0404F	1/4 x 1/4
CB30-0606F	3/8 x 3/8
CB30-0808F	1/2 x 1/2
CB30-1212F	3/4 x 3/4
CB30-1616F	1 x 1

45 deg Union M/F NPTF x NPSM



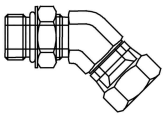
P/Number	Thread
CN30-0202	1/8 x 1/8
* CN30-0404	1/4 x 1/4
* CN30-0606	3/8 x 3/8
* CN30-0808	1/2 x 1/2
* CN30-1212	3/4 x 3/4
* CN30-1616	1 x 1

45 deg Union M/F ORFS x ORFS



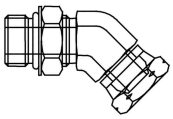
P/Number	Thread
F30-0909	9/16 x 9/16
F30-1111	11/16 x 11/16
F30-1313	13/16 x 13/16
F30-1616	1 x 1
F30-1919	1-3/16 x 1-3/16
F30-2323	1-7/16 x 1-7/16

45 deg Union M/F S.A.E. 'O' Ring Boss x JIC



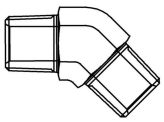
P/Number	Thread
C31-0909	9/16 x 9/16
C31-1212	3/4 x 3/4
C31-1414	7/8 x 7/8
* C31-1717	1-1/16 x 1-1/16
C31-2121	1-5/16 x 1-5/16

45 deg Union M/F S.A.E. 'O' Ring Boss x NPSM



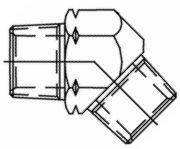
P/Number	Thread
CN31-1208	3/4 x 1/2
CN31-1408	7/8 x 1/2

45 deg Elbow M/M BSPT x BSPT



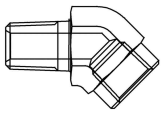
P/Number	Thread
CB36-0202F	1/8 x 1/8
CB36-0404F	1/4 x 1/4
CB36-0606F	3/8 x 3/8
CB36-0808F	1/2 x 1/2
CB36-1208F	3/4 x 1/2
CB36-1212F	3/4 x 3/4
CB36-1612F	1 x 3/4
CB36-1616F	1 x 1
* CB36-2424	1-1/2 x 1-1/2

Elbow 45 deg M/M NPTF x NPTF



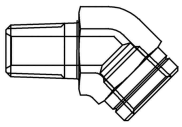
P/Number	Thread
CN36-0202	1/8 x 1/8
* CN36-0404F	1/4 x 1/4
* CN36-0606	3/8 x 3/8
* CN36-0808	1/2 x 1/2
* CN36-1212	3/4 x 3/4
* CN36-1616	1 x 1

45 deg Elbow M/F BSPT x BSPT



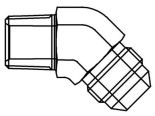
P/Number	Thread
CB37-0202F	1/8 x 1/8
CB37-0404F	1/4 x 1/4
CB37-0606F	3/8 x 3/8
CB37-0808F	1/2 x 1/2
CB37-1212F	3/4 x 3/4
CB37-1616F	1 x 1

45 deg Elbow M/F NPTF x NPTF



P/Number	Thread
CN37-0202F	1/8 x 1/8
CN37-0404F	1/4 x 1/4
CN37-0606F	3/8 x 3/8
CN37-0808F	1/2 x 1/2
CN37-1212F	3/4 x 3/4
CN37-1616F	1 x 1
CN37-2020	1-1/4 x 1-1/4

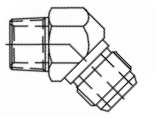
Elbow 45 deg M/M BSPT x JIC



P/Number	Thread
CB38-0207F	1/8 x 7/16
CB38-0407F	1/4 x 7/16
CB38-0408F	1/4 x 1/2
CB38-0409F	1/4 x 9/16
CB38-0412F	1/4 x 3/4
CB38-0609F	3/8 x 9/16
CB38-0612F	3/8 x 3/4
CB38-0614	3/8 x 7/8
CB38-0809F	1/2 x 9/16
CB38-0812F	1/2 x 3/4
CB38-0814F	1/2 x 7/8
CB38-0817F	1/2 x 1-1/16
CB38-1214F	3/4 x 7/8
CB38-1217F	3/4 x 1-1/16
CB38-1221F	3/4 x 1-5/16
CB38-1621F	1 x 1-5/16
CB38-1626F	1 x 1-5/8
CB38-2026F	1-1/4 x 1-5/8
CB38-2430	1-1/2 x 1-7/8
CB38-3240	2 x 2-1/2

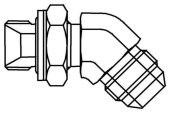
For stainless steel quote standard part number and add suffix "SS". Enquire for price and availability.

Elbow 45 deg M/M BSPT x JIS



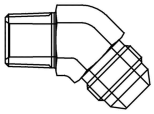
	P/Number	Thread
*	CBJ38-0404	1/4 x 1/4
	CBJ38-0606	3/8 x 3/8
	CBJ38-0808	1/2 x 1/2
	CBJ38-1212	3/4 x 3/4
	CBJ38-1616	1 x 1

45 deg Elbow. M/M BSPP x JIC



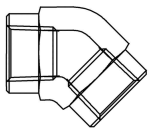
P/Number	Thread
CP38-0407F	1/4 x 7/16
CP38-0409F	1/4 x 9/16
CP38-0412F	1/4 x 3/4
CP38-0609F	3/8 x 9/16
CP38-0612F	3/8 x 3/4
CP38-0809F	1/2 x 9/16
CP38-0812F	1/2 x 3/4
CP38-0814F	1/2 x 7/8
CP38-0817F	1/2 x 1-1/16
CP38-1212F	3/4 x 3/4
CP38-1217F	3/4 x 1-1/16
CP38-1621	1 x 1-5/16
CP38-2026F	1-1/4 x 1-5/8
* CP38-2430	1-1/2 x 1-7/8

45 deg Elbow. M/M NPTF x JIC



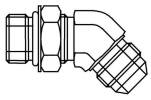
P/Number	Thread
CN38-0207F	1/8 x 7/16
CN38-0407F	1/4 x 7/16
CN38-0409F	1/4 x 9/16
CN38-0412F	1/4 x 3/4
CN38-0609F	3/8 x 9/16
CN38-0612F	3/8 x 3/4
CN38-0614	
CN38-0809F	1/2 x 9/16
CN38-0812F	1/2 x 3/4
CN38-0814F	1/2 x 7/8
CN38-1212	
CN38-1214F	3/4 x 7/8
CN38-1217F	3/4 x 1-1/16
CN38-1221	3/4 x 1-5/16
CN38-1617F	1 x 1-1/16
CN38-1621F	1 x 1-5/16
CN38-1626	1 x 1-5/8
CN38-2021	1-1/4 x 1-5/16
CN38-2026F	1-1/4 x 1-5/8
CN38-2030	1-1/4 x 1-7/8
CN38-2430	1-1/2 x 1-7/8
CN38-3230	2 x 1-7/8
CN38-3240	2 x 2-1/2

45 deg Elbow. F/F BSPT x BSPT



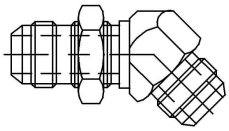
P/Number	Thread
CB39-0404F	1/4 x 1/4
CB39-0606F	3/8 x 3/8
CB39-0808F	1/2 x 1/2
CB39-1212F	3/4 x 3/4
CB39-1616F	1 x 1

45 deg Elbow. M/M S.A.E. 'O' Ring Boss x JIC



P/Number	Thread
C40-0707F	7/16 x 7/16
C40-0907F	9/16 x 7/16
C40-0909F	9/16 x 9/16
C40-0912F	9/16 x 3/4
C40-1209F	3/4 x 9/16
C40-1212F	3/4 x 3/4
C40-1214F	3/4 x 7/8
C40-1412F	7/8 x 3/4
C40-1414F	7/8 x 7/8
C40-1417F	7/8 x 1-1/16
C40-1712	
C40-1714F	1-1/16 x 7/8
C40-1717F	1-1/16 x 1-1/16
C40-1721F	1-1/16 x 1-5/16
C40-2117F	1-5/16 x 1-1/16
C40-2121F	1-5/16 x 1-5/16
C40-2126F	1-5/16 x 1-5/8
C40-2621F	1-5/8 x 1-5/16
C40-2626F	1-5/8 x 1-5/8
C40-3030	1-7/8 x 1-7/8
* C40-4040	2-1/2 x 2-1/2

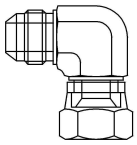
Bulkhead Elbow 45 deg. M/M JIC x JIC



P/Number	Thread
C42-0707	7/16 x 7/16
C42-0909	9/16 x 9/16
C42-1212	3/4 x 3/4
C42-1414	7/8 x 7/8
C42-1717	1-1/16 x 1-1/16
C42-2121	1-5/16 x 1-5/16
* C42-2626	1-5/8 x 1-5/8

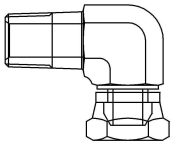
*Manufactured To Order (minimum qtys may apply)

90 deg Union M/F JIC x JIC



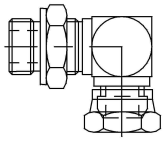
P/Number	Thread
C46-0707F	7/16 x 7/16
C46-0808F	1/2 x 1/2
C46-0909F	9/16 x 9/16
C46-1212F	3/4 x 3/4
C46-1214F	3/4 x 7/8
C46-1412F	7/8 x 3/4
C46-1414F	7/8 x 7/8
C46-1417F	7/8 x 1-1/16
C46-1714F	1-1/16 x 7/8
C46-1717F	1-1/16 x 1-1/16
C46-2121F	1-5/16 x 1-5/16
C46-2626F	1-5/8 1-5/8
C46-3030F	1-7/8 x 1-7/8
C46-4040	2-1/2 x 2-1/2

90 deg Union M/F BSPT x BSPP



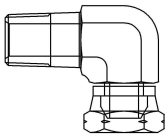
P/Number	Thread
CB46-0202F	1/8 x 1/8
CB46-0404F	1/4 x 1/4
CB46-0406F	1/4 x 3/8
CB46-0604F	3/8 x 1/4
CB46-0606F	3/8 x 3/8
CB46-0608F	3/8 x 1/2
CB46-0806F	1/2 x 3/8
CB46-0808F	1/2 x 1/2
CB46-1208F	3/4 x 1/2
CB46-1212F	3/4 x 3/4
CB46-1616F	1 x 1
CB46-2020	1-1/4 x 1-1/4
CB46-2424	1-1/2 x 1-1/2
CB46-3232	2 x 2

90 deg Union M/F BSPP x BSPP



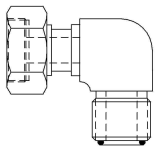
P/Number	Thread
CP46-0404F	1/4 x 1/4
CP46-0606F	3/8 x 3/8
CP46-0808F	1/2 x 1/2
CP46-1212F	3/4 x 3/4
CP46-1216F	3/4 x 1
CP46-1616F	1 x 1

90 deg Union M/F NPTF x NPSM



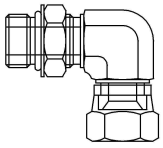
P/Number	Thread
CN46-0202F	1/8 x 1/8
CN46-0404F	1/4 x 1/4
CN46-0606F	3/8 x 3/8
CN46-0808F	1/2 x 1/2
CN46-1212F	3/4 x 3/4
CN46-1616F	1 x 1

90 deg Union M/F ORFS x ORFS



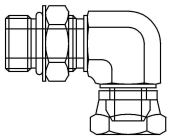
P/Number	Thread
F46-0909F	9/16 x 9/16
F46-1111F	11/16 x 11/16
F46-1313F	13/16 x 13/16
F46-1616F	1 x 1
F46-1919F	1-3/16 x 1-3/16
F46-2323F	1-7/16 x 1-7/16

90 deg Union M/F S.A.E. 'O' Ring Boss x JIC



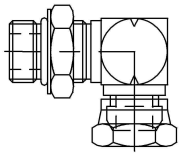
P/Number	Thread
C47-0707F	7/16 x 7/16
C47-0909F	9/16 x 9/16
C47-1209F	3/4 x 9/16
C47-1212F	3/4 x 3/4
C47-1412F	7/8 x 3/4
C47-1414F	7/8 x 7/8
C47-1717F	1-1/16 x 1-1/16
C47-2121F	1-5/16 x 1-5/16

90 deg Union M/F S.A.E. 'O' Ring Boss x BSPP



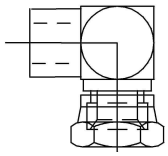
P/Number	Thread
CB47-0904F	9/16 x 1/4
CB47-0906F	9/16 x 3/8
CB47-1206F	3/4 x 3/8
CB47-1208F	3/4 x 1/2
CB47-1408F	7/8 x 1/2
CB47-1712F	1-1/16 x 3/4
CB47-2116F	1-5/16 x 1

90 deg Union M/F S.A.E. 'O' Ring Boss x NPSM



P/Number	Thread
* CN47-0904	9/16 x 1/4
* CN47-1206	3/4 x 3/8
* CN47-1208	3/4 x 1/2
* CN47-1408	7/8 x 1/2
* CN47-1712	1-1/16 x 3/4
* CN47-2116	1-5/16 x 1
* CN47-2620	1-5/8 x 1-1/4

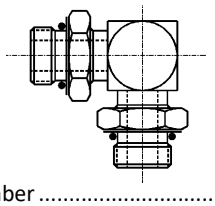
90 deg Elbow F/F BSPT x JIC



P/Number	Thread
CB48-0209F	1/8 x 9/16
CB48-1217F	3/4 x 1-1/16

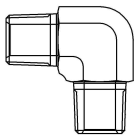
For stainless steel quote standard part number and add suffix "SS". Enquire for price and availability.

90 deg Elbow M/M SAE O-Ring Boss x SAE O-Ring Boss



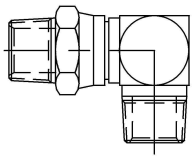
P/Number	Thread
ZC52-0909F	9/16 x 9/16
ZC52-1212	3/4 x 3/4
ZC52-1412	7/8 x 3/4
ZC52-1717	1-1/16 x 1-1/16

90 deg Elbow M/M BSPT x BSPT



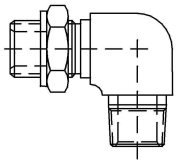
P/Number	Thread
CB53-0202F	1/8 x 1/8
CB53-0402F	1/4 x 1/8
CB53-0404F	1/4 x 1/4
CB53-0604F	3/8 x 1/4
CB53-0606F	3/8 x 3/8
CB53-0804F	1/2 x 1/4
CB53-0806F	1/2 x 3/8
CB53-0808F	1/2 x 1/2
CB53-1208F	3/4 x 1/2
CB53-1212F	3/4 x 3/4
CB53-1612F	1 x 3/4
CB53-1616F	1 x 1
CB53-2012F	1-1/4 x 3/4
CB53-2016F	1-1/4 x 1
CB53-2020F	1-1/4 x 1-1/4
CB53-2424F	1-1/2 x 1-1/2
CB53-3232	2 x 2

90 deg Elbow M/M BSPT Swivel x BSPT



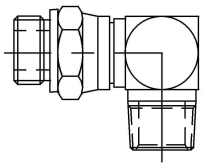
P/Number	Thread
CBS53-0606	3/8 x 3/8
CBS53-0808	1/2 x 1/2
CBS53-1208	3/4 x 1/2
* CBS53-1212	3/4 x 3/4

90 deg Elbow M/M BSPP x BSPT



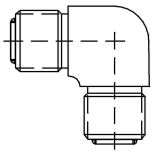
P/Number	Thread
CPB53-0404F	1/4 x 1/4
CPB53-0406F	1/4 x 3/8
CPB53-0604F	3/8 x 1/4
CPB53-0606F	3/8 x 3/8
CPB53-0608F	3/8 x 1/2
CPB53-0806F	1/2 x 3/8
CPB53-0808F	1/2 x 1/2
CPB53-0812F	1 2/ x 3/4
CPB53-1212F	3/4 x 3/4
CPB53-1612F	1 x 3/4
CPB53-1616F	1 x 1
CPB53-2020F	1-1/4 x 1-1/4
CPB53-2424F	1-1/2 x 1-1/2

90 deg Elbow M/M BSPP Swivel x BSPT



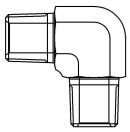
P/Number	Thread
CPBS53-0606	3/8 x 3/8
CPBS53-0808	1/2 x 1/2
CPBS53-1208	3/4 x 1/2

90 deg Elbow M/M ORFS x ORFS



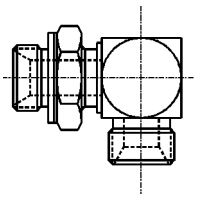
P/Number	Thread
F53-0909	9/16 x 9/16
F53-1111	11/16 x 11/16
F53-1313	13/16 x 13/16
F53-1616	1 x 1
F53-1919	1-3/16 x 1-3/16
F53-2323	1-7/16 x 1-7/16

90 deg Elbow M/M NPTF x NPTF



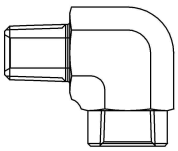
P/Number	Thread
CN53-0202F	1/8 x 1/8
CN53-0404F	1/4 x 1/4
CN53-0604	3/8 x 1/4
CN53-0606F	3/8 x 3/8
* CN53-0804	1/2 x 1/4
CN53-0806F	1/2 x 3/8
CN53-0808F	1/2 x 1/2
CN53-1208F	3/4 x 1/2
CN53-1212F	3/4 x 3/4
CN53-1612F	1 x 3/4
CN53-1616F	1 x 1
CN53-2020F	1-1/4 x 1-1/4
CN53-2424F	1-1/2 x 1-1/2
CN53-3232	2 x 2

90 deg Elbow M/M BSPP x BSPP



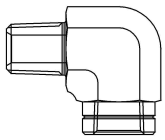
P/Number	Thread
* CP53-0404	1/4 x 1/4
CP53-0606	3/8 x 3/8
* CP53-0808	1/2 x 1/2

90 deg Elbow M/F BSPT x BSPT



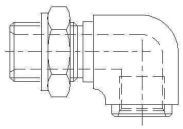
P/Number	Thread
CB54-0202F	1/8 x 1/8
CB54-0204F	1/8 x 1/4
CB54-0404F	1/4 x 1/4
CB54-0606F	3/8 x 3/8
CB54-0608F	3/8 x 1/2
CB54-0806F	1/2 x 3/8
CB54-0808F	1/2 x 1/2
CB54-0812F	1/2 x 3/4
CB54-1208F	3/4 x 1/2
CB54-1212F	3/4 x 3/4
CB54-1616F	1 x 1
CB54-2020F	1-1/4 x 1-1/4
CB54-2424	1-1/2 x 1-1/2
CB54-3232	2 x 2

90 deg Elbow M/F
NPTF x NPTF



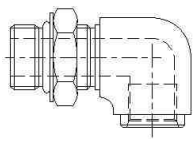
	P/Number	Thread
	CN54-0202F	1/8 x 1/8
	CN54-0204F	1/8 x 1/4
	CN54-0404F	1/4 x 1/4
	CN54-0406F	1/4 x 3/8
	CN54-0606F	3/8 x 3/8
	CN54-0806F	1/2 x 3/8
	CN54-0808F	1/2 x 1/2
	CN54-1212F	3/4 x 3/4
*	CN54-1216F	3/4 x 1
	CN54-1616F	1 x 1
	CN54-2020F	1-1/4 x 1-1/4
	CN54-2424	1-1/2 x 1-1/2
	CN54-3232	2 x 2

90 deg Elbow M/F
BSPP x SAE 'O' Ring



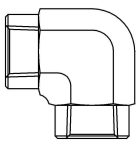
P/Number	Thread
CPU54-0609F	3/8 x 9/16

90 deg Elbow M/F
SAE 'O' Ring Boss
x SAE 'O' Ring



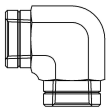
P/Number	Thread
CU54-0909F	9/16 x 9/16
CU54-1209F	3/4 x 9/16

90 deg Elbow F/F
BSPT x BSPT



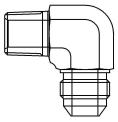
	P/Number	Thread
	CB55-0202F	1/8 x 1/8
	CB55-0404F	1/4 x 1/4
	CB55-0606F	3/8 x 3/8
	CB55-0806F	1/2 x 3/8
	CB55-0808F	1/2 x 1/2
	CB55-1208F	3/4 x 1/2
	CB55-1212F	3/4 x 3/4
	CB55-1616F	1 x 1
	CB55-2020F	1-1/4 x 1-1/4
	CB55-2424	1-1/2 x 1-1/2

90 deg Elbow F/F
NPTF x NPTF



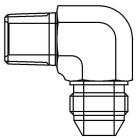
	P/Number	Thread
	CN55-0202F	1/8 x 1/8
	CN55-0404F	1/4 x 1/4
	CN55-0606F	3/8 x 3/8
	CN55-0806	1/2 x 3/8
	CN55-0808F	1/2 x 1/2
	CN55-1208	3/4 x 1/2
	CN55-1212F	3/4 x 3/4
	CN55-1616F	1 x 1
	CN55-2020F	1-1/4 x 1-1/4
*	CN55-2424	1-1/2 x 1-1/2

90 deg Elbow M/M
BSPT x JIC



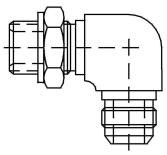
	P/Number	Thread
*	CB56-0206F	1/8 x 3/8
	CB56-0207F	1/8 x 7/16
	CB56-0208F	1/8 x 1/2
	CB56-0209F	1/8 x 9/16
	CB56-0407F	1/4 x 7/16
	CB56-0408F	1/4 x 1/2
	CB56-0409F	1/4 x 9/16
	CB56-0412F	1/4 x 3/4
	CB56-0607F	3/8 x 7/16
	CB56-0609F	3/8 x 9/16
	CB56-0612F	3/8 x 3/4
	CB56-0614F	3/8 x 7/8
	CB56-0807F	1/2 x 7/16
	CB56-0809F	1/2 x 9/16
	CB56-0812F	1/2 x 3/4
	CB56-0814F	1/2 x 7/8
	CB56-0817F	1/2 x 1-1/16
	CB56-1209F	3/4 x 9/16
	CB56-1212F	3/4 x 3/4
	CB56-1214F	3/4 x 7/8
	CB56-1217F	3/4 x 1-1/16
	CB56-1221F	3/4 x 1-5/16
	CB56-1612F	1 x 3/4
	CB56-1614F	1 x 7/8
	CB56-1617F	1 x 1-1/16
	CB56-1621F	1 x 1-5/16
	CB56-1626F	1 x 1-5/8
	CB56-2017F	1-1/4 x 1-1/16
	CB56-2021F	1-1/4 x 1-5/16
	CB56-2026F	1-1/4 x 1-5/8
	CB56-2030	1-1/4 x 1-7/8
	CB56-2426F	1-1/2 x 1-5/8
	CB56-2430F	1-1/2 x 1-7/8
*	CB56-2440	1-1/2 x 2-1/2
*	CB56-3230	2 x 1-7/8
	CB56-3240	2 x 2-1/2

90 deg Elbow M/M
BSPT x JIS



P/Number	Thread
CBJ56-0404F	1/4 x 1/4
CBJ56-0606	3/8 x 3/8
CBJ56-0808	1/2 x 1/2
CBJ56-1212	3/4 x 3/4
CBJ56-1616	1 x 1

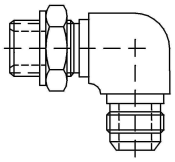
90 deg Elbow M/M
BSPP x JIC



P/Number	Thread
CP56-0207F	1/8 x 7/16
CP56-0209F	1/8 x 9/16
CP56-0407F	1/4 x 7/16
CP56-0409F	1/4 x 9/16
CP56-0412F	1/4 x 3/4
CP56-0607F	3/8 x 7/16
CP56-0609F	3/8 x 9/16
CP56-0612F	3/8 x 3/4
CP56-0614F	3/8 x 7/8
CP56-0809F	1/2 x 9/16
CP56-0812F	1/2 x 3/4
CP56-0814F	1/2 x 7/8
CP56-0817F	1/2 x 1-1/16
CP56-0821F	1/2 x 1-5/16
CP56-1212F	3/4 x 3/4
CP56-1214F	3/4 x 7/8
CP56-1217F	3/4 x 1-1/16
CP56-1221F	3/4 x 1-5/16
CP56-1617F	1 x 1-1/16
CP56-1621F	1 x 1-5/16
CP56-1626F	1 x 1-5/8
CP56-2017F	1-1/4 x 1-1/16
CP56-2021F	1-1/4 x 1-5/16
CP56-2026F	1-1/4 x 1-5/8
CP56-2030F	1-1/4 x 1-7/8
CP56-2421F	1-1/2 x 1-5/16
CP56-2426F	1-1/2 x 1-5/8
CP56-2430F	1-1/2 x 1-7/8
CP56-3240	2 x 2-1/2

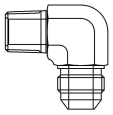
For stainless steel quote standard part number and add suffix "SS". Enquire for price and availability.

90 deg Elbow M/M Metric x JIC



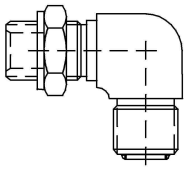
P/Number	Thread
CM56-1207F	M12x1.5 x 7/16
CM56-1409F	M14x1.5 x 9/16
CM56-1609F	M16x1.5 x 9/16
CM56-1809F	M18x1.5 x 9/16
CM56-1812F	M18x1.5 x 3/4
CM56-2212	M22x1.5 x 3/4

90 deg Elbow M/M NPTF x JIC



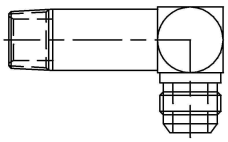
	P/Number	Thread
	CN56-0207F	1/8 x 7/16
	CN56-0208F	1/8 x 1/2
	CN56-0209F	1/8 x 9/16
	CN56-0407F	1/4 x 7/16
	CN56-0408	1/4 x 1/2
	CN56-0409F	1/4 x 9/16
	CN56-0412F	1/4 x 3/4
	CN56-0607F	3/8 x 7/16
	CN56-0609F	3/8 x 9/16
	CN56-0612F	3/8 x 3/4
	CN56-0614F	3/8 x 7/8
*	CN56-0617	3/8 x 1-1/16
	CN56-0807F	1/2 x 7/16
	CN56-0809F	1/2 x 9/16
	CN56-0812F	1/2 x 3/4
	CN56-0814F	1/2 x 7/8
	CN56-0817F	1/2 x 1-1/16
	CN56-1207F	3/4 x 7/16
	CN56-1209F	3/4 x 9/16
	CN56-1212F	3/4 x 3/4
	CN56-1214F	3/4 x 7/8
	CN56-1217F	3/4 x 1-1/16
	CN56-1221F	3/4 x 1-5/16
	CN56-1617F	1 x 1-1/16
	CN56-1621F	1 x 1-5/16
	CN56-1626F	1 x 1-5/8
	CN56-2017F	1-1/4 x 1-1/16
	CN56-2021F	1-1/4 x 1-5/16
	CN56-2026F	1-1/4 x 1-5/8
	CN56-2030F	1-1/4 x 1-7/8
	CN56-2426F	1-1/2 x 1-5/8
	CN56-2430	1-1/2 x 1-7/8
	CN56-3240	2 x 2-1/2

90 deg Elbow M/M BSPP x ORFS



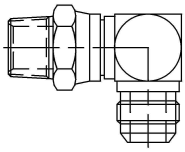
P/Number	Thread
FP56-0811F	1/2 x 11/16
FP56-0813F	1/2 x 13/16
FP56-0816F	1/2 x 1
FP56-0819F	1/2 x 1-3/16
FP56-1213F	3/4 x 13/16
FP56-1216F	3/4 x 1

90 deg Elbow M/M BSPT Extended x JIC



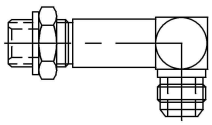
P/Number	Thread
CB57-0207	1/8 x 7/16
CB57-0407	1/4 x 7/16
CB57-0409	1/4 x 9/16
CB57-0609	3/8 x 9/16
CB57-0612	3/8 x 3/4
CB57-0812	1/2 x 3/4
CB57-0814	1/2 x 7/8
* CB57-1217	3/4 x 1-1/16
CB57-1621	1 x 1-5/16

90 deg Elbow M/M BSPT Swivel x JIC



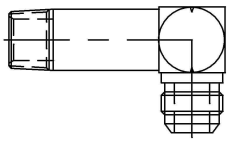
P/Number	Thread
CBS57-0407	1/4 x 7/16
CBS57-0612	3/8 x 3/4
CBS57-0812	1/2 x 3/4
CBS57-0814	1/2 x 7/8
* CBS57-0817	1/2 x 1-1/16
CBS57-1217	3/4 x 1-1/16
CBS57-1221	3/4 x 1-5/16
* CBS57-1621	1 x 1-5/16

90 deg Elbow M/M BSPP Extended x JIC



	P/Number	Thread
	CP57-0612	3/8 x 3/4
	CP57-0814	1/2 x 7/8
*	CP57-1217	3/4 x 1-1/16
*	CP57-1221	3/4 x 1-5/16
*	CP57-1621	1 x 1-5/16

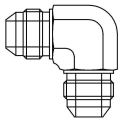
90 deg Elbow M/M NPTF Extended x JIC



	P/Number	Thread
	CN57-0207	1/8 x 7/16
*	CN57-0209	1/8 x 9/16
	CN57-0407	1/4 x 7/16
*	CN57-0409	1/4 x 9/16
	CN57-0609	3/8 x 9/16
*	CN57-0612	3/8 x 3/4
*	CN57-0812	1/2 x 3/4
	CN57-0814	1/2 x 7/8
*	CN57-1212	3/4 x 3/4
*	CN57-1217	3/4 x 1-1/16
*	CN57-1621	1 x 1-5/16

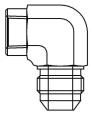
*Manufactured To Order (minimum qtys may apply)

90 deg Elbow M/M JIC x JIC



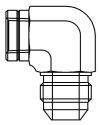
P/Number	Thread
C58-0606	3/8 x 3/8
C58-0707F	7/16 x 7/16
C58-0808F	1/2 x 1/2
C58-0908	9/16 x 1/2
C58-0909F	9/16 x 9/16
C58-1209F	3/4 x 9/16
C58-1212F	3/4 x 3/4
C58-1412F	7/8 x 3/4
C58-1414F	7/8 x 7/8
C58-1712F	1-1/16 x 3/4
C58-1714F	1-1/16 x 7/8
C58-1717F	1-1/16 x 1-1/16
C58-2117F	1-5/16 x 1-1/16
C58-2121F	1-5/16 x 1-5/16
C58-2626F	1-5/8 x 1-5/8
C58-3030F	1-7/8 x 1-7/8

90 deg Elbow F/M BSPT x JIC



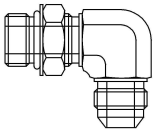
P/Number	Thread
CB58-0407F	1/4 x 7/16
CB58-0409F	1/4 x 9/16
CB58-0609F	3/8 x 9/16
CB58-0612F	3/8 x 3/4
CB58-0614F	3/8 x 7/8
CB58-0812F	1/2 x 3/4
CB58-0814F	1/2 x 7/8
CB58-1217F	3/4 x 1-1/16
CB58-1621F	1 x 1-5/16

90 deg Elbow F/M NPTF x JIC



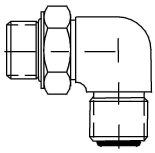
	P/Number	Thread
*	CN58-0207F	1/8 x 7/16
	CN58-0407F	1/4 x 7/16
	CN58-0409F	1/4 x 9/16
*	CN58-0612	3/8 x 3/4
	CN58-0812F	1/2 x 3/4
*	CN58-1217	3/4 x 1-1/16
*	CN58-1621	1 x 1-5/16

90 deg Elbow M/M S.A.E. 'O' Ring Boss x JIC



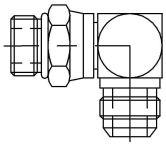
P/Number	Thread
C59-0707F	7/16 x 7/16
C59-0708F	7/16 x 1/2
C59-0709F	7/16 x 9/16
C59-0712	7/16 x 3/4
C59-0807F	1/2 x 7/16
C59-0808F	1/2 x 1/2
C59-0809F	1/2 x 9/16
C59-0907F	9/16 x 7/16
C59-0908F	9/16 x 1/2
C59-0909F	9/16 x 9/16
C59-0912F	9/16 x 3/4
C59-1207F	3/4 x 7/16
C59-1208F	3/4 x 1/2
C59-1209F	3/4 x 9/16
C59-1212F	3/4 x 3/4
C59-1214F	3/4 x 7/8
C59-1217F	3/4 x 1-1/16
C59-1221	3/4 x 1-5/16
C59-1409F	7/8 x 9/16
C59-1412F	7/8 x 3/4
C59-1414F	7/8 x 7/8
C59-1417F	7/8 x 1-1/16
C59-1421F	7/8 x 1-5/16
C59-1709F	1-1/16 x 9/16
C59-1712F	1-1/16 x 3/4
C59-1714F	1-1/16 x 7/8
C59-1717F	1-1/16 x 1-1/16
C59-1721F	1-1/16 x 1-5/16
C59-2117F	1-5/16 x 1-1/16
C59-2121F	1-5/16 x 1-5/16
C59-2126F	1-5/16 x 1-5/8
C59-2621F	1-5/8 x 1-5/16
C59-2626F	1-5/8 x 1-5/8
C59-2630F	1-5/8 x 1-7/8
C59-3021F	1-7/8 x 1-5/16
C59-3026	1-7/8 x 1-5/8
C59-3030	1-7/8 x 1-7/8
C59-4040	2-1/2 x 2-1/2

90 deg Elbow M/M S.A.E. 'O' Ring Boss x ORFS



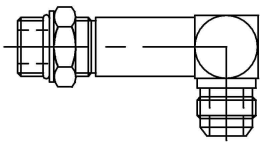
P/Number	Thread
F59-0709F	7/16 x 9/16
F59-0909F	9/16 x 9/16
F59-0911F	9/16 x 11/16
F59-1211F	3/4 x 11/16
F59-1213F	3/4 x 13/16
F59-1416F	7/8 x 1
F59-1719F	1-1/16 x 1-3/16
F59-2123F	1-5/16 x 1-7/16

90 deg Elbow M/M S.A.E. 'O' Ring Boss Swivel x JIC



	P/Number	Thread
	CS59-1212	3/4 x 3/4
	CS59-1214	3/4 x 7/8
	CS59-1412	7/8 x 3/4
	CS59-1414	7/8 x 7/8
*	CS59-1417	7/8 x 1-1/16
	CS59-1717	1-1/16 x 1-1/16

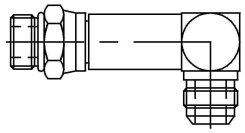
90 deg Elbow M/M S.A.E. 'O' Ring Boss Ext. x JIC



P/Number	Thread
CE59-0909	9/16 x 9/16
CE59-0912	9/16 x 3/4
CE59-1209	3/4 x 9/16
CE59-1212	3/4 x 3/4
CE59-1214	3/4 x 7/8
CE59-1409	7/8 x 9/16
CE59-1412	7/8 x 3/4
CE59-1414	7/8 x 7/8
CE59-1417	7/8 x 1-1/16
CE59-1717	1-1/16 x 1-1/16

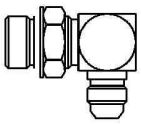
 For stainless steel quote standard part number and add suffix "SS". Enquire for price and availability.

90 deg Elbow M/M S.A.E. 'O' Ring Boss Ext. Swivel x JIC



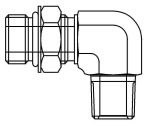
	P/Number	Thread
	CES59-1212	3/4 x 3/4
*	CES59-1214	3/4 x 7/8
	CES59-1412	7/8 x 3/4
*	CES59-1414	7/8 x 7/8

90 deg Elbow M/M SAE O-Ring Boss x JIC Orifice Elbow 0.9mm



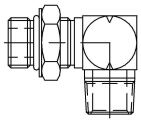
P/Number	Thread
ZC59-0909	9/16 x 9/16

90 deg Elbow M/M S.A.E. 'O' Ring Boss x BSPT



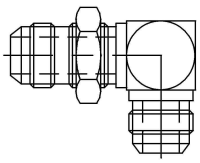
P/Number	Thread
CB59-0704F	7/16 x 1/4
CB59-0904F	9/16 x 1/4
CB59-0906F	9/16 x 3/8
CB59-1204F	3/4 x 1/4
CB59-1206F	3/4 x 3/8
CB59-1208F	3/4 x 1/2
CB59-1212F	3/4 x 3/4
CB59-1404F	7/8 x 1/4
CB59-1406F	7/8 x 3/8
CB59-1408F	7/8 x 1/2
CB59-1412F	7/8 x 3/4
CB59-1708F	1-1/16 x 1/2
CB59-1712F	1-1/16 x 3/4
CB59-1716F	1-1/16 x 1
CB59-2112F	1-5/16 x 3/4
CB59-2116F	1-5/16 x 1

90 deg Elbow M/M S.A.E. 'O' Ring Boss x NPTF



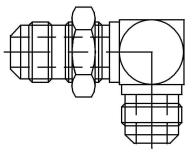
	P/Number	Thread
	CN59-0904	9/16 x 1/4
	CN59-0906	9/16 x 3/8
	CN59-1206	3/4 x 3/8
*	CN59-1208	3/4 x 1/2
*	CN59-1212	3/4 x 3/4
*	CN59-1408	7/8 x 1/2
	CN59-1412	7/8 x 3/4

90 deg Elbow M/M JIC x JIC Bulkhead



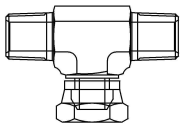
	P/Number	Thread
	C61-0707	7/16 x 7/16
*	C61-0808	1/2 x 1/2
	C61-0909	9/16 x 9/16
	C61-1212	3/4 x 3/4
	C61-1414	7/8 x 7/8
	C61-1717	1-1/16 x 1-1/16
	C61-2121	1-5/16 x 1-5/16
	C61-2626	1-5/8 x 1-5/8
	C61-3030	1-7/8 x 1-7/8

90 deg Elbow M/M SAE x SAE Bulkhead



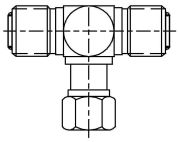
P/Number	Thread
CA61-1010	5/8 x 5/8
CA61-1212	3/4 x 3/4
CA61-1414	7/8 x 7/8

Tee M/M/F BSPT x BSPT x BSPP



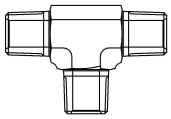
P/Number	Thread
CB61-040404F	1/4 x 1/4 x 1/4
CB61-060606F	3/8 x 3/8 x 3/8
CB61-080808F	1/2 x 1/2 x 1/2
CB61-121212F	3/4 x 3/4 x 3/4
CB61-161616F	1 x 1 x 1

Tee M/M/F ORFS x ORFS x ORFS



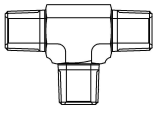
	P/Number	Thread
*	F61-090909F	9/16 x 9/16 x 9/16
*	F61-111111F	11/16 x 11/16 x 11/16
*	F61-131313F	13/16 x 13/16 x 13/16
*	F61-161616F	1 x 1 x 1
*	F61-191919F	1-3/16 x 1-3/16 x 1-3/16

Tee M/M/M BSPT x BSPT x BSPT



P/Number	Thread
CB62-020202F	1/8 x 1/8 x 1/8
CB62-040404F	1/4 x 1/4 x 1/4
CB62-060606F	3/8 x 3/8 x 3/8
CB62-080808F	1/2 x 1/2 x 1/2
CB62-121208F	3/4 X 3/4 X 1/2
CB62-121212F	3/4 x 3/4 x 3/4
CB62-161616F	1 x 1 x 1
CB62-202020	1-1/4 x 1-1/4 x 1-1/4
CB62-242424	1-1/2 x 1-1/2 x 1-1/2
CB62-323232	2 x 2 x 2

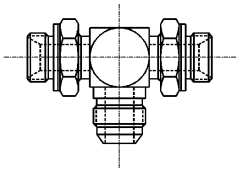
Tee M/M/M NPTF x NPTF x NPTF



P/Number	Thread
CN62-020202	1/8 x 1/8 x 1/8
CN62-040404F	1/4 x 1/4 x 1/4
CN62-060606F	3/8 x 3/8 x 3.8
CN62-080808F	1/2 x 1/2 x 1/2
CN62-121212F	3/4 x 3/4 x 3/4
* CN62-161616	1 x 1 x 1

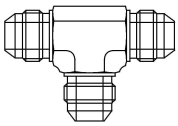
*Manufactured To Order (minimum qtys may apply)

Tee M/M/M
BSPP x BSPP x JIC



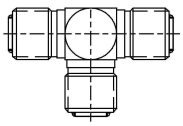
	P/Number	Thread
*	ZCP62-080814	1/2 x 1/2 x 7/8

Tee M/M/M
JIC x JIC x JIC



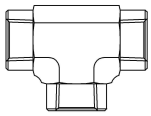
P/Number	Thread
C63-070707F	7/16 x 7/16 x 7/16
C63-080808F	1/2 x 1/2 x 1/2
C63-090909F	9/16 x 9/16 x 9/16
C63-121209F	3/4 X 3/4 X 9/16
C63-120912F	3/4 x 9/16 x 3/4
C63-121212F	3/4 x 3/4 x 3/4
C63-121214F	3/4 x 3/4 x 7/8
C63-121217F	3/4 x 3/4 x 1-1/16
C63-141214F	7/8 x 3/4 x 7/8
* C63-141412F	7/8 x 3/4 x 7/8
C63-141414F	7/8 x 7/8 x 7/8
C63-141417F	7/8 x 7/8 x 1-1/16
C63-171414F	1-1/16 x 7/8 x 7/8
C63-171417	1-1/16 x 7/8 x 1-1/16
C63-171712F	1-1/16 x 1-1/16 x 3/4
C63-171714F	1-1/16 x 1-1/16 x 7/8
C63-171717F	1-1/16 x 1-1/16 x 1-1/16
C63-212114F	1-5/16 x 1-5/16 x 7/8
C63-212117F	1-5/16 x 1-5/16 x 1-1/16
C63-212121F	1-5/16 x 1-5/16 x 1-5/16
C63-262626	1-5/8 x 1-5/8 x 1-5/8
C63-303030	1-7/8 x 1-7/8 x 1-7/8
C63-404040	2-1/2 x 2-1/2 x 2-1/2

Tee M/M/M
ORFS x ORFS x ORFS



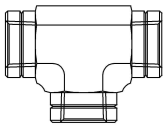
P/Number	Thread
F63-090909F	9/16 x 9/16 x 9/16
F63-111111F	11/16 x 11/16 x 11/16
F63-131313F	13/16 x 13/16 x 13/16
F63-161616F	1 x 1 x 1
F63-191919F	1-3/16 x 1-3/16 x 1-3/16
F63-232323	1-7/16 x 1-7/16 x 1-7/16

Tee F/F/F
BSPT x BSPT x BSPT



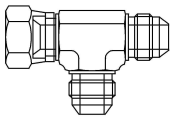
P/Number	Thread
CB63-020202F	1/8 x 1/8 x 1/8
CB63-040404F	1/4 x 1/4 x 1/4
CB63-060606F	3/8 x 3/8 x 3/8
CB63-080808F	1/2 x 1/2 x 1/2
CB63-121212F	3/4 x 3/4 x 3/4
CB63-161616	1 x 1 x 1
CB63-202020	1-1/4 x 1-1/4 x 1-1/4
CB63-242424	1-1/2 x 1-1/2 x 1-1/2
CB63-323232	2 x 2 x 2

Tee F/F/F
NPTF x NPTF x NPTF



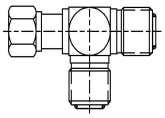
P/Number	Thread
CN63-020202F	1/8 x 1/8 x 1/8
CN63-040404F	1/4 x 1/4 x 1/4
CN63-060606F	3/8 x 3/8 x 3/8
CN63-080808F	1/2 x 1/2 x 1/2
CN63-121212F	3/4 x 3/4 x 3/4
CN63-161616	1 x 1 x 1
CN63-202020	1-1/4 x 1-1/4 x 1-1/4
CN63-242424	1-1/2 x 1-1/2 x 1-1/2
CN63-323232	2 x 2 x 2

Tee F/M/M
JIC x JIC x JIC



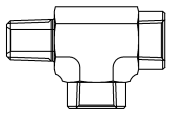
P/Number	Thread
C64-070707F	7/16 x 7/16 x 7/16
C64-080808F	1/2 x 1/2 x 1/2
C64-090909F	9/16 x 9/16 x 9/16
C64-121212F	3/4 x 3/4 x 3/4
C64-141414F	7/8 x 7/8 x 7/8
C64-171717F	1-1/16 x 1-1/16 x 1-1/16
C64-172117F	1-1/16 x 1-5/16 x 1-1/16
C64-212117F	1-5/16 x 1-5/16 x 1-1/16
C64-212121F	1-5/16 x 1-5/16 x 1-5/1
C64-262626	1-5/8 x 1-5/8 x 1-5/8
C64-303030	1-7/8 x 1-7/8 x 1-7/8
C64-404040	2-1/2 x 2-1/2 x 2-1/2

Tee F/M/M
ORFS x ORFS x ORFS



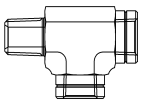
P/Number	Thread
F64-090909F	9/16 x 9/16 x 9/16
F64-111111F	11/16 x 11/16 x 11/16
F64-131313F	13/16 x 13/16 x 13/16
F64-161616F	1 x 1 x 1
F64-191919F	1-3/16 x 1-3/16 x 1-3/16
F64-232323	1-7/16 x 1-7/16 x 1-7/16

Tee M/F/F
BSPT x BSPT x BSPT



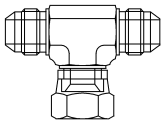
P/Number	Thread
CB64-020202F	1/8 x 1/8 x 1/8
CB64-040404F	1/4 x 1/4 x 1/4
CB64-060606F	3/8 x 3/8 x 3/8
CB64-080808F	1/2 x 1/2 x 1/2
CB64-121212F	3/4 x 3/4 x 3/4
CB64-161616	1 x 1 x 1
CB64-202020	1-1/4 x 1-1/4 x 1-1/4
CB64-242424	1-1/2 x 1-1/2 x 1-1/2

Tee M/F/F
NPTF x NPTF x NPTF



P/Number	Thread
CN64-020202F	1/8 x 1/8 x 1/8
CN64-040404F	1/4 x 1/4 x 1/4
CN64-060606F	3/8 x 3/8 x 3/8
CN64-080808F	1/2 x 1/2 x 1/2
CN64-121212F	3/4 x 3/4 x 3/4
CN64-161616	1 x 1 x 1
CN64-202020	1-1/4 x 1-1/4 x 1-1/4

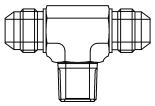
Tee M/M/F
JIC x JIC x JIC



P/Number	Thread
C65-070707F	7/16 x 7/16 x 7/16
* C65-080808	1/2 x 1/2 x 1/2
C65-090909F	9/16 x 9/16 x 9/16
C65-121212F	3/4 x 3/4 x 3/4
C65-141414F	7/8 x 7/8 x 7/8
C65-171717F	1-1/16 x 1-1/16 x 1-1/16
C65-212121F	1-5/16 x 1-5/16 x 1-5/16
C65-262626	1-5/8 x 1-5/8 x 1-5/8
C65-303030	1-7/8 x 1-7/8 x 1-7/8
C65-404040	2-1/2 x 2-1/2 x 2-1/2

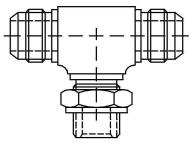
For stainless steel quote standard part number and add suffix "SS". Enquire for price and availability.

Tee M/M/M
JIC x JIC x BSPT



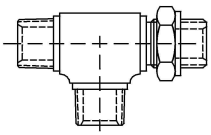
P/Number	Thread
CB65-070702F	7/16 x 7/16 x 1/8
CB65-070704F	7/16 x 7/16 x 1/4
CB65-090904F	9/16 x 9/16 x 1/4
CB65-090906F	9/16 x 9/16 x 3/8
CB65-121204F	3/4 x 3/4 x 1/4
CB65-121206F	3/4 x 3/4 x 3/8
CB65-121208F	3/4 x 3/4 x 1/2
CB65-121212F	3/4 x 3/4 x 3/4
CB65-141406F	7/8 x 7/8 x 3/8
CB65-141408F	7/8 x 7/8 x 1/2
CB65-141412F	7/8 x 7/8 x 3/4
CB65-171712F	1-1/16 x 1-1/16 x 3/4
CB65-212116F	1-5/16 x 1-5/16 x 1
CB65-262620	1-5/8 x 1-5/8 x 1-1/4
CB65-303024	1-7/8 x 1-7/8 x 1-1/2

Tee M/M/M
JIC x JIC x BSPP



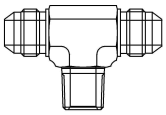
P/Number	Thread
CP65-070704F	7/16 x 7/16 x 1/4
CP65-090904F	9/16 x 9/16 x 1/4
CP65-090906F	9/16 x 9/16 x 3/8
CP65-090908F	9/16 x 9/16 x 1/2
CP65-121206F	3/4 x 3/4 x 3/8
CP65-121208F	3/4 x 3/4 x 1/2
CP65-141408F	7/8 x 7/8 x 1/2
CP65-141412F	7/8 x 7/8 x 3/4
CP65-171712F	1-1/16 x 1-1/16 x 3/4
CP65-212116F	1-5/16 x 1-5/16 x 1

Tee M/M/M
BSPT X BSPP X BSPT



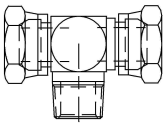
P/Number	Thread
* CBP65-040404F	1/4 x 1/4 x 1/4
* CBP65-121212F	3/4 x 3/4 x 3/4

Tee M/M/M
JIC x JIC x NPTF



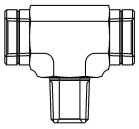
P/Number	Thread
CN65-070702F	7/16 x 7/16 x 1/8
CN65-070704F	7/16 x 7/16 x 1/4
CN65-080804	1/2 x 1/2 x 1/4
CN65-090904F	9/16 x 9/16 x 1/4
CN65-090906F	9/16 x 9/16 x 3/8
CN65-121206F	3/4 x 3/4 x 3/8
CN65-121208F	3/4 x 3/4 x 1/2
CN65-141408F	7/8 x 7/8 x 1/2
CN65-141412F	7/8 x 7/8 x 3/4
CN65-171708F	1-1/16 x 1-1/16 x 1/2
* CN65-171712	1-1/16 x 1-1/16 x 3/4
CN65-212116	1-5/16 x 1-5/16 x 1

Tee F/F/M
BSPP x BSPP x BSPT



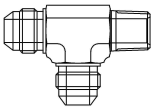
P/Number	Thread
CBS66-040404	1/4 x 1/4 x 1/4
CBS66-060606F	3/8 x 3/8 x 3/8
CBS66-080808	1/2 x 1/2 x 1/2

Tee F/F/M
NPTF x NPTF x NPTF



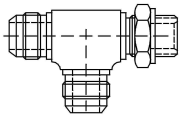
P/Number	Thread
CN66-020202F	1/8 x 1/8 x 1/8
CN66-040404F	1/4 x 1/4 x 1/4
CN66-060606F	3/8 x 3/8 x 3/8
CN66-080808F	1/2 x 1/2 x 1/2
CN66-121212F	3/4 x 3/4 x 3/4
* CN66-161616	1 x 1 x 1
* CN66-202020	1-1/4 x 1-1/4 x 1-1/4

Tee M/M/M
JIC x BSPT x JIC



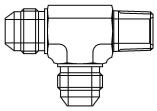
P/Number	Thread
CB67-070207F	7/16 x 1/8 x 7/16
CB67-070407F	7/16 x 1/4 x 7/16
CB67-090409F	9/16 x 1/4 x 9/16
CB67-090609F	9/16 x 3/8 x 9/16
CB67-120612F	3/4 x 3/8 x 3/4
CB67-120812F	3/4 x 1/2 x 3/4
CB67-140814F	7/8 x 1/2 x 7/8
CB67-171217F	1-1/16 x 3/4 x 1-1/16
CB67-211621F	1-5/16 x 1 x 1-5/16

Tee M/M/M
JIC x BSPP x JIC



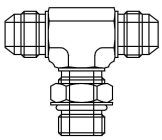
P/Number	Thread
CP67-070407F	7/16 x 1/4 x 7/16
CP67-090409F	9/16 x 1/4 x 9/16
CP67-090609F	9/16 x 3/8 x 9/16
CP67-120612F	3/4 x 3/8 x 3/4
CP67-120812F	3/4 x 1/2 x 3/4
CP67-140814F	7/8 x 1/2 x 7/8
* CP67-170817	1-1/16 x 1/2 x 1-1/16
CP67-171217F	1-1/16 x 3/4 x 1-1/16
CP67-211621F	1-5/16 x 1 x 1-5/16
* CP67-262026	1-5/8 x 1-1/4 x 1-5/8
* CP67-262426	1-5/8 x 1-1/2 x 1-5/8
* CP67-302430	1-7/8 x 1-1/2 x 1-7/8

Tee M/M/M
JIC x NPT x JIC



P/Number	Thread
CN67-070207F	7/16 x 1/8 x 7/16
* CN67-070407F	7/16 x 1/4 x 7/16
CN67-080208	1/2 x 1/8 x 1/2
CN67-080408	1/2 x 1/4 x 1/2
CN67-090409F	9/16 x 1/4 x 9/16
* CN67-090609F	9/16 x 3/8 x 9/16
CN67-120612F	3/4 x 3/8 x 3/4
CN67-120812F	3/4 x 1/2 x 3/4
CN67-140814F	7/8 x 1/2 x 7/8
CN67-171217F	1-1/16 x 3/4 x 1-1/16
CN67-211621F	1-5/16 x 1 x 1-5/16

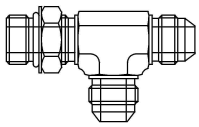
Tee M/M/M
JIC x JIC x
S.A.E. 'O' Ring Boss



P/Number	Thread
C68-070707F	7/16 x 7/16 x 7/16
C68-090907F	9/16 x 9/16 x 7/16
C68-090909F	9/16 x 9/16 x 9/16
C68-090912F	9/16 x 9/16 x 3/4
C68-121209F	3/4 x 3/4 x 9/16
C68-121212F	3/4 x 3/4 x 3/4
C68-141214	7/8 x 3/4 x 7/8
C68-141412F	7/8 x 7/8 x 3/4
C68-141414	7/8 x 7/8 x 7/8
C68-171717F	1-1/16 x 1-1/16 x 1-1/6
* C68-212117	1-5/16 x 1-5/16 x 1-1/16
C68-212121	1-5/16 x 1-5/16 x 1-5/16
* C68-262626	1-5/8 x 1-5/8 x 1-5/8

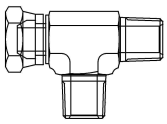
*Manufactured To Order (minimum qtys may apply)

Tee M/M/M
S.A.E. 'O' Ring Boss x JIC x JIC



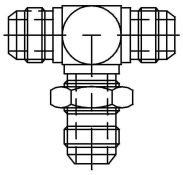
	P/Number	Thread
	C69-070707F	7/16 x 7/16 x 7/16
	C69-080808F	1/2 x 1/2 x 1/2
	C69-090909F	9/16 x 9/16 x 9/16
	C69-120909F	3/4 x 9/16 x 9/16
	C69-121212F	3/4 x 3/4 x 3/4
	C69-141212F	7/8 x 3/4 x 3/4
	C69-141414F	7/8 x 7/8 x 7/8
	C69-141717F	7/8 x 1-1/16 x 1-1/16
	C69-171414F	1-1/16 x 7/8 x 7/8
	C69-171712F	1-1/16 x 1-1/16 x 3/4
	C69-171717F	1-1/16 x 1-1/16 x 1-1/16
*	C69-211717	1-5/16 x 1-1/16 x 1-1/16
	C69-212121F	1-5/16 x 1-5/16 x 1-5/16

Tee F/M/M
BSPP x BSPT x BSPT



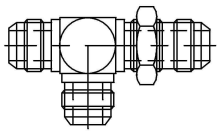
P/Number	Thread
CB69-040404F	1/4 x 1/4 x 1/4
CB69-060606F	3/8 x 3/8 x 3/8
CB69-080808F	1/2 x 1/2 x 1/2
CB69-121204F	3/4 x 3/4 x 1/4
CB69-121212F	3/4 x 3/4 x 3/4
CB69-161616F	1 x 1 x 1
CB69-202020	1-1/4 x 1-1/4 x 1-1/4

Tee M/M/M
JIC x JIC x JIC Bulkhead



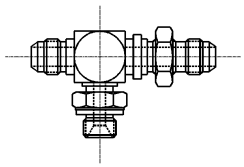
	P/Number	Thread
	C70-070707	7/16 x 7/16 x 7/16
	C70-090909	9/16 x 9/16 x 9/16
	C70-121212	3/4 x 3/4 x 3/4
	C70-141414	7/8 x 7/8 x 7/8
	C70-171717	1-1/16 x 1-1/16 x 1-1/16
	C70-212121	1-5/16 x 1-5/16 x 1-5/16
*	C70-262626	1-5/8 x 1-5/8 x 1-5/8

Tee M/M/M
JIC x JIC Bulkhead x JIC



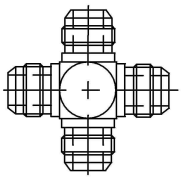
P/Number	Thread
C71-070707	7/16 x 7/16 x 7/16
C71-090909	9/16 x 9/16 x 9/16
C71-121212	3/4 x 3/4 x 3/4
C71-141414	7/8 x 7/8 x 7/8
C71-171717	1-1/16 x 1-1/16 x 1-1/16
C71-212121	1-5/16 x 1-5/16 x 1-5/16
* C71-262626	1-5/8 x 1-5/8 x 1-5/8

Tee M/M/M
JIC x JIC Bulkhead x BSPP



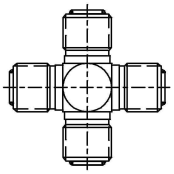
P/Number	Thread
ZCP71-090904	9/16 x 9/16 x 1/4

Cross M/M/M/M
4 x JIC



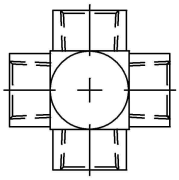
P/Number	Thread
C72-07X4	7/16
C72-09X4	9/16
C72-12X4	3/4
C72-14X4	7/8
C72-17X4	1-1/16
* C72-21X4	1-5/16

Cross M/M/M/M
4 x ORFX



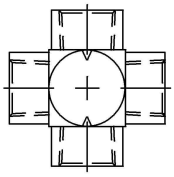
P/Number	Thread
F72-11X4	11/16

Cross F/F/F/F
4 x BSPT



P/Number	Thread
CB72-04X4	1/4
CB72-06X4	3/8
CB72-08X4	1/2
CB72-12X4	3/4
CB72-16X4	1

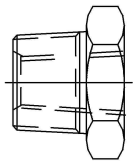
Cross F/F/F/F
4 x NPTF



	P/Number	Thread
*	CN72-02X4	1/8
	CN72-04X4	1/4
	CN72-06X4	3/8
	CN72-08X4	1/2
*	CN72-12X4	3/4
*	CN72-16X4	1

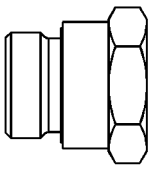
For stainless steel quote standard part number and add suffix "SS". Enquire for price and availability.

Reducing Bush M/F
BSPT x BSPT



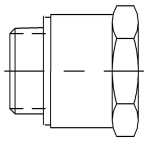
P/Number	Thread
CB73-0402	1/4 x 1/8
CB73-0602	3/8 x 1/8
CB73-0604	3/8 x 1/4
CB73-0802	1/2 x 1/8
CB73-0804	1/2 x 1/4
CB73-0806	1/2 x 3/8
CB73-1204	3/4 x 1/4
CB73-1206	3/4 x 3/8
CB73-1208	3/4 x 1/2
CB73-1606	1 x 3/8
CB73-1608	1 x 1/2
CB73-1612	1 x 3/4
CB73-2008	1-1/4 x 1/2
CB73-2012	1-1/4 x 3/4
CB73-2016	1-1/4 x 1
CB73-2412	1-1/2 x 3/4
CB73-2416	1-1/2 x 1
CB73-2420	1-1/2 x 1-1/4
CB73-3216	2 x 1
CB73-3220	2 x 1-1/4
CB73-3224	2 x 1-1/2

Reducing Bush M/F
BSPP x BSPP
Encapsulated Seal



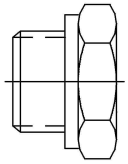
P/Number	Thread
CR73-0604	3/8 x 1/4
CR73-1608	1 x 1/2
CR73-1612	1 x 3/4
CR73-2016	1-1/4 x 1
CR73-2416	1-1/2 x 1
CR73-2420	1-1/2 x 1-1/4

Reducing Bush M/F
BSPP x BSPP
Style A



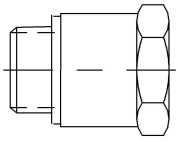
P/Number	Thread
CP73-0602	3/8 x 1/8
CP73-0604	3/8 x 1/4
CP73-0804	1/2 x 1/4
CP73-0806	1/2 x 3/8
CP73-1206	3/4 x 3/8
CP73-1208	3/4 x 1/2
CP73-1612	1 x 3/4
CP73-2016	1-1/4 x 1
CP73-2416	1-1/2 x 1
CP73-2420	1-1/2 x 1-1/4
CP73-3224	2 x 1-1/2

Reducing Bush M/F
BSPP x BSPP
Style B



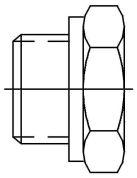
P/Number	Thread
CP73-1204	3/4 x 1/4
CP73-1608	1 x 1/2
CP73-2012	1-1/4 x 3/4
* CP73-3212	2 x 3/4
* CP73-3216	2 x 1
CP73-3220	2 x 1-1/4

Reducing Bush M/F
BSPP x BSPT
Style A



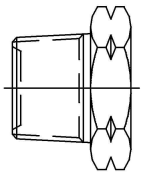
P/Number	Thread
CPB73-2420	1-1/2 x 1-1/4

Reducing Bush M/F
BSPP x BSPT
Style B



P/Number	Thread
* CPB73-0804	1/2 x 1/4
* CPB73-1206	3/4 x 3/8
* CPB73-2012	1-1/4 x 3/4
* CPB73-2412	1-1/2 x 3/4
* CPB73-2416	1-1/2 x 1
* CPB73-2420	1-1/2 x 1-1/4

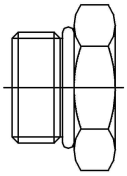
Reducing Bush M/F
NPTF x NPTF



P/Number	Thread
CN73-0402	1/4 x 1/8
CN73-0602	3/8 x 1/8
CN73-0604	3/8 x 1/4
CN73-0802	1/2 x 1/8
CN73-0804	1/2 x 1/4
CN73-0806	1/2 x 3/8
CN73-1202	3/4 x 1/8
CN73-1204	3/4 x 1/4
CN73-1206	3/4 x 3/8
CN73-1208	3/4 x 1/2
* CN73-1606	1 x 3/8
CN73-1608	1 x 1/2
CN73-1612	1 x 3/4
* CN73-2008	1-1/4 x 1/2
CN73-2012	1-1/4 x 3/4
CN73-2016	1-1/4 x 1
CN73-2412	1-1/2 x 3/4
CN73-2416	1-1/2 x 1
CN73-2420	1-1/2 x 1-1/4
* CN73-3212	2 x 3/4
CN73-3216	2 x 1
CN73-3220	2 x 1-1/4
CN73-3224	2 x 1-1/2

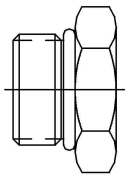
*Manufactured To Order (minimum qtys may apply)

Reducing Bush M/F S.A.E. 'O' Ring Boss x S.A.E. 'O' Ring Boss



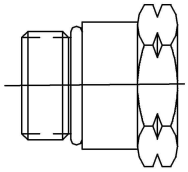
P/Number	Thread
C74-0908	9/16 x 1/2
C74-1209	3/4 x 9/16
C74-1409	7/8 x 9/16
C74-1709	1-1/16 x 9/16
C74-1712	1-1/16 x 3/4
C74-2112	1-5/16 x 3/4
C74-2114	1-5/16 x 7/8
C74-2117	1-5/16 x 1-1/16
* C74-2612	1-5/8 x 3/4
C74-2617	1-5/8 x 1-1/16
C74-2621	1-5/8 x 1-5/16
C74-3017	1-7/8 x 1-1/16
* C74-3021	1-7/8 x 1-5/16

Reducing Bush M/F S.A.E. 'O' Ring Boss x BSPT



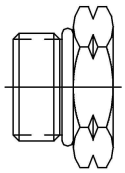
P/Number	Thread
* CB74-0902	3/4 x 1/8
CB74-1202	3/4 x 1/8
CB74-1204	3/4 x 1/4
CB74-1402	7/8 x 1/8
CB74-1404	7/8 x 1/4
* CB74-1406	7/8 x 3/8
CB74-1704	1-1/16 x 1/4
CB74-1706	1-1/16 x 3/8
* CB74-1708	1-1/16 x 1/2
CB74-2104	1-5/16 x 1/4
CB74-2106	1-5/16 x 3/8
CB74-2108	1-5/16 x 1/2
CB74-2112	1-5/16 x 3/4
* CB74-2612	1-5/8 x 3/4
* CB74-2616	1-5/8 x 1

Reducing Bush M/F S.A.E. 'O' Ring Boss x NPTF Style A



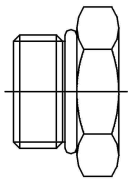
P/Number	Thread
* CN74-1708	1-1/16 x 1/2
* CN74-2108	1-5/16 x 1/2
* CN74-2112	1-5/16 x 3/4

Reducing Bush M/F S.A.E. 'O' Ring Boss x NPTF Style B



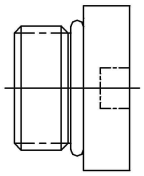
P/Number	Thread
* CN74-1202	3/4 x 1/8
CN74-1204	3/4 x 1/4
CN74-1402	7/8 x 1/8
* CN74-1404	7/8 x 1/4
* CN74-1704	1-1/16 x 1/4
CN74-1706	1-1/16 x 3/8
CN74-2108	1-5/16 x 1/2

Plug S.A.E. 'O' Ring Boss



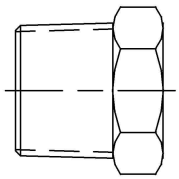
P/Number	Thread
C77-06	3/8
C77-07	7/16
C77-08	1/2
C77-09	9/16
C77-12	3/4
C77-14	7/8
C77-17	1-1/16
C77-19	1-3/16
C77-21	1-5/16
C77-26	1-5/8
C77-30	1-7/8
C77-40	2-1/2

Plug S.A.E. 'O' Ring Boss Socket Head



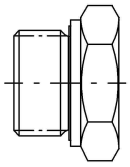
P/Number	Thread
C77S-05	5/16
C77S-06	3/8
C77S-07	7/16
C77S-08	1/2
C77S-09	9/16
C77S-12	3/4
C77S-14	7/8
C77S-17	1-1/16

Plug BSPT



P/Number	Thread
CB77-02	1/8
CB77-04	1/4
CB77-06	3/8
CB77-08	1/2
CB77-12	3/4
CB77-16	1
CB77-20	1-1/4
CB77-24	1-1/2
CB77-32	2
* CB77-40	2-1/2

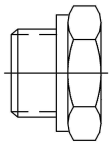
Plug BSPP Encapsulated Seal



P/Number	Thread
CR77-02	1/8
CR77-04	1/4
CR77-06	3/8
CR77-08	1/2
CR77-12	3/4
CR77-16	1
CR77-20	1-1/4
CR77-24	1-1/2

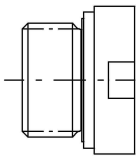
For stainless steel quote standard part number and add suffix "SS". Enquire for price and availability.

Plug BSPP



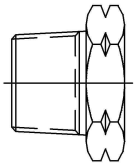
P/Number	Thread
CP77-02	1/8
CP77-04	1/4
CP77-06	3/8
CP77-08	1/2
CP77-12	3/4
CP77-16	1
CP77-20	1-1/4
CP77-24	1-1/2
CP77-32	2

Plug BSPP Socket Head



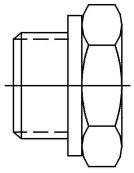
P/Number	Thread
CR77S-02	1/8
CR77S-04	1/4
CR77S-06	3/8
CR77S-08	1/2
CR77S-12	3/4
CR77S-16	1

Plug NPTF



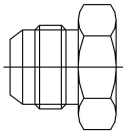
P/Number	Thread
CN77-02	1/8
CN77-04	1/4
CN77-06	3/8
CN77-08	1/2
CN77-12	3/4
CN77-16	1
CN77-20	1-1/4
CN77-24	1-1/2
CN77-32	2

Plug Metric 1.5mm Pitch



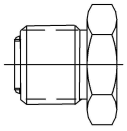
P/Number	Thread
CM77-12	12
CM77-14	14
CM77-16	16
CM77-18	18
CM77-20	20
CM77-22	22
CM77-24	24

Plug JIC



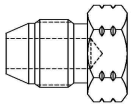
P/Number	Thread
C78-07	7/16
C78-08	1/2
C78-09	9/16
C78-12	3/4
C78-14	7/8
C78-17	1-1/16
C78-19	1-3/16
C78-21	1-5/16
C78-26	1-5/8
C78-30	1-7/8
C78-40	2-1/2

Plug ORFS



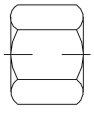
P/Number	Thread
F78-09	9/16
F78-11	11/16
F78-13	13/16
F78-16	1
F78-19	1-3/16
F78-23	1-7/16
F78-27	1-11/16

Plug Metric Komatsu 1.5mm Pitch



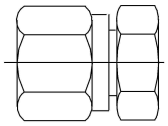
P/Number	Thread
CK78-12	12
CK78-14	14
CK78-16	16
CK78-18	18
CK78-20	20
CK78-22	22
CK78-24	12
CK78-30	14
CK78-33	16
CK78-36	18
CK78-42	24

Cap Nut JIC



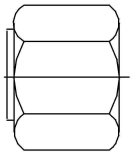
P/Number	Thread
C79-07	7/16
C79-08	1/2
C79-09	9/16
C79-12	3/4
C79-14	7/8
C79-17	1-1/16
C79-19	1-3/16
C79-21	1-5/16
C79-26	1-5/8
C79-30	1-7/8
C79-40	2-1/2

Cap Nut BSPP



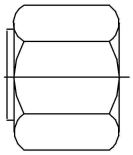
P/Number	Thread
CBS79-02	1/8
CBS79-04	1/4
CBS79-06	3/8
CBS79-08	1/2
* CBS79-10	5/8
CBS79-12	3/4
CBS79-16	1
CBS79-20	1-1/4
CBS79-24	1-1/2
CBS79-32	2

Cap Nut ORFS



P/Number	Thread
F79-09	9/16
F79-11	11/16
F79-13	13/16
F79-16	1
F79-19	1-3/16
F79-23	1-7/16
F79-27	1-11/16

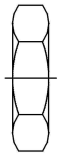
Cap Nut Metric Komatsu 1.5mm Pitch



P/Number	Thread
CK79-12	12
CK79-14	14
CK79-16	16
CK79-18	18
CK79-20	20
CK79-22	22
CK79-24	24
CK79-30	30
CK79-33	33
CK79-36	36
CK79-42	42

*Manufactured To Order (minimum qtys may apply)

Bulkhead Nut JIC



P/Number	Thread
C80-07	7/16
C80-08	1/2
C80-09	9/16
C80-12	3/4
C80-14	7/8
C80-17	1-1/16
C80-19	1-3/16
C80-21	1-5/16
C80-26	1-5/8
C80-30	1-7/8
C80-40	2-1/2

Bulkhead Nut BSPP



P/Number	Thread
CP80-02	1/8
CP80-04	1/4
CP80-06	3/8
CP80-08	1/2
CP80-12	3/4
CP80-16	1
CP80-20	1-1/4
CP80-24	1-1/2
CP80-32	2

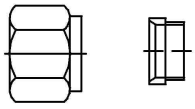
Bulkhead Nut ORFS



P/Number	Thread
F80-11	11/16
F80-13	13/16
F80-16	1
F80-19	1-3/16
F80-23	1-7/16
F80-27	1-11/16

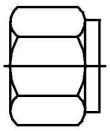
Tube Nut & Sleeve Assembly JIC

(Nut C83-**N. Sleeve C83-**S)



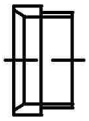
P/Number	(Tube)	Thread
C83-07	(1/4)	7/16
C83-08	(5/16)	1/2
C83-09	(3/8)	9/16
C83-12	(1/2)	3/4
C83-14	(5/8)	7/8
C83-17	(3/4)	1-1/16
C83-19	(7/8)	1-3/16
C83-21	(1)	1-5/16
C83-26	(1-1/4)	1-5/8
C83-30	(1-1/2)	1-7/8

Tube Nut JIC



P/Number	(Tube)	Thread
C83-07N	(1/4)	7/16
C83-08N	(5/16)	1/2
C83-09N	(3/8)	9/16
C83-12N	(1/2)	3/4
C83-14N	(5/8)	7/8
C83-17N	(3/4)	1-1/16
C83-19N	(7/8)	1-3/16
C83-21N	(1)	1-5/16
C83-26N	(1-1/4)	1-5/8
C83-30N	(1-1/2)	1-7/8
C83-40N	(2)	2-1/2

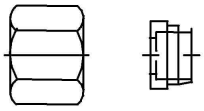
Tube Sleeve JIC



P/Number	(Tube)	Thread
C83-07S	(1/4)	7/16
C83-08S	(5/16)	1/2
C83-09S	(3/8)	9/16
C83-12S	(1/2)	3/4
C83-14S	(5/8)	7/8
C83-17S	(3/4)	1-1/16
C83-19S	(7/8)	1-3/16
C83-21S	(1)	1-5/16
C83-26S	(1-1/4)	1-5/8
C83-30S	(1-1/2)	1-7/8
C83-40S	(2)	2-1/2

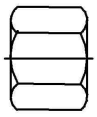
Tube Nut &Sleeve Assembly ORFS

(Nut =F83-**N, Sleeve =F83-**S)



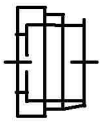
P/Number	(Tube)	Thread
F83-09	(1/4)	9/16
F83-11	(3/8)	11/16
F83-13	(1/2)	13/16
F83-16	(5/8)	1
F83-19	(3/4)	1-3/16
F83-23	(1)	1-7/16
F83-27	(1-1/4)	1-11/16

Tube Nut ORFS



P/Number	(Tube)	Thread
F83-09N	(1/4)	9/16
F83-11N	(3/8)	11/16
F83-13N	(1/2)	13/16
F83-16N	(5/8)	1
F83-19N	(3/4)	1-3/16
F83-23N	(1)	1-7/16
F83-27N	(1-1/4)	1-11/16

Tube Sleeve ORFS

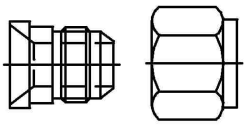


P/Number	(Tube)	Thread
F83-09S	(1/4)	9/16
F83-11S	(3/8)	11/16
F83-13S	(1/2)	13/16
F83-16S	(5/8)	1
F83-19S	(3/4)	1-3/16
F83-23S	(1)	1-7/16
F83-27S	(1-1/4)	1-11/16

For stainless steel quote standard part number and add suffix "SS". Enquire for price and availability.

Tube Reducer Assembly F/M JIC x JIC Style A

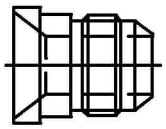
(Nut =C83-**N, Reducer =C84-****R)



P/Number	Thread
C84-0907	9/16 x 7/16
C84-1209	3/4 x 9/16
C84-1409	7/8 x 9/16
C84-1707	1-1/16 x 7/16
C84-1709	1-1/16 x 9/16
C84-1712	1-1/16 x 3/4
C84-2112	1-5/16 x 3/4
C84-2114	1-5/16 x 7/8
C84-2117	1-5/16 x 1-1/16
C84-2612	1-5/8 x 3/4
C84-2617	1-5/8 x 1-1/16
C84-2621	1-5/8 x 1-5/16
C84-3021	1-7/8 x 1-5/16
C84-3026	1-7/8 x 1-5/8
C84-4030	2-1/2 x 1-7/8

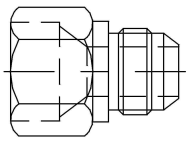
Tube Reducer JIC x JIC Style A

(Nut =C83-**N)



P/Number	Thread
C84-0907R	9/16 x 7/16
C84-1207R	3/4 x 7/16
C84-1209R	3/4 x 9/16
C84-1409R	7/8 x 9/16
C84-1707R	1-1/16 x 7/16
C84-1709R	1-1/16 x 9/16
C84-1712R	1-1/16 x 3/4
C84-2112R	1-5/16 x 3/4
C84-2114R	1-5/16 x 7/8
C84-2117R	1-5/16 x 1-1/16
C84-2612R	1-5/8 x 3/4
C84-2617R	1-5/8 x 1-1/16
C84-2621R	1-5/8 x 1-5/16
* C84-3017R	1-7/8 x 1-1/16
C84-3021R	1-7/8 x 1-5/16
C84-4030R	2-1/2 x 1-7/8

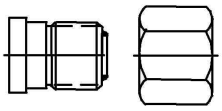
Tube Reducer Fixed F/M JIC x JIC Style B



P/Number	Thread
C84-1207B	3/4 x 7/16
C84-1412B	7/8 x 3/4
C84-1714B	1-1/16 x 7/8
C84-3026B	1-7/8 x 1-5/8
C84-4030B	2-1/2 x 1-7/8

Tube Reducer Assembly F/M ORFS x ORFS

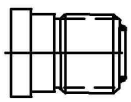
(Nut = F83-**N, Reducer = F84-****R)



P/Number	Thread
F84-1109	11/16 x 9/16
F84-1309	13/16 x 9/16
F84-1311	13/16 x 11/16
F84-1613	1 x 13/16
F84-1913	1-3/16 x 13/16

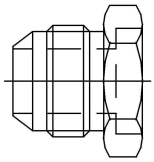
Tube Reducer F/M ORFS x ORFS

(Nut F83-**N



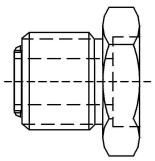
P/Number	Thread
* F84-1109R	11/16 x 9/16
F84-1309R	13/16 x 9/16
* F84-1311R	13/16 x 11/16
F84-1613R	1 x 13/16
F84-1913R	1-3/16 x 13/16

Tubeweld Nipple JIC Male



P/Number	Thread	Tube
C86-0704	7/16	1/4
C86-0906	9/16	3/8
C86-0908	9/16	1/2
C86-1206	3/4	3/8
C86-1208	3/4	1/2
C86-1210	3/4	5/8
C86-1212	3/4	3/4
C86-1410	7/8	5/8
C86-1412	7/8	3/4
C86-1712	1-1/16	3/4
C86-1714	1-1/16	7/8
C86-1716	1-1/16	1
C86-1720	1-1/16	1-1/4
* C86-1914	1-3/16	7/8
C86-2116	1-5/16	1
C86-2120	1-5/16	1-1/4
C86-2124	1-5/16	1-1/2
C86-2620	1-5/8	1-1/4
C86-2624	1-5/8	1-1/2
C86-3024	1-7/8	1-1/2
C86-4032	2-1/2	2

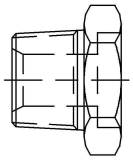
Tubeweld Nipple ORFS



P/Number	Thread	Tube
* F86-0904	9/16	1/4
F86-0906	9/16	3/8
* F86-1106	11/16	3/8
* F86-1308	13/16	1/2
* F86-1610	1	5/8
* F86-1912	1-3/16	3/4
* F86-2316	1-7/16	1
* F86-2720	1-11/16	1-1/4

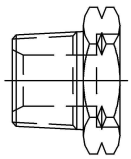
*Manufactured To Order (minimum qtys may apply)

Tubeweld Nipple BSPT Male



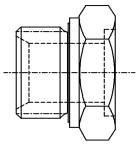
	P/Number	Thread	Tube
	CB86-0404	1/4	1/4
	CB86-0406	1/4	3/8
*	CB86-0604	3/8	1/4
	CB86-0606	3/8	3/8
	CB86-0608	3/8	1/2
	CB86-0610	3/8	5/8
	CB86-0806	1/2	3/8
	CB86-0808	1/2	1/2
	CB86-0810	1/2	5/8
	CB86-0812	1/2	3/4
	CB86-0816	1/2	1
	CB86-1212	3/4	3/4
	CB86-1216	3/4	1
*	CB86-1220	3/4	1-1/4
	CB86-1612	1	3/4
	CB86-1616	1	1
	CB86-1620	1	1-1/4
	CB86-1624	1	1-1/2
	CB86-2016	1-1/4	1
	CB86-2020	1-1/4	1-1/4
	CB86-2024	1-1/4	1-1/2
	CB86-2420	1-1/2	1-1/4
	CB86-2424	1-1/2	1-1/2
	CB86-3232	2	2

Tubeweld Nipple NPTF Male



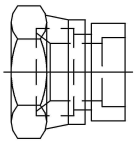
	P/Number	Thread	Tube
*	CN86-0406	1/4	3/8
	CN86-0606	3/8	3/8
*	CN86-0608	3/8	1/2
	CN86-1212	3/4	3/4

Tubeweld Nipple BSPP Male



P/Number	Thread	Tube
CP86-0406	1/4	3/8
CP86-0608	3/8	1/2
CP86-0810	1/2	5/8
CP86-1216	3/4	1
CP86-1620	1	1-1/4
CP86-2024	1-1/4	1-1/2

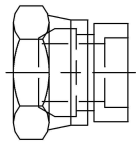
Tubeweld Union JIC Female



P/Number	Thread	Tube
C87-0704	7/16	1/4
C87-0904	9/16	1/4
C87-0906	9/16	3/8
C87-1206	3/4	3/8
C87-1208	3/4	1/2
C87-1210	3/4	5/8
C87-1408	7/8	1/2
C87-1410	7/8	5/8
C87-1412	7/8	3/4
C87-1712	1-1/16	3/4
C87-1716	1-1/16	1
C87H-1716	1-1/16	1
C87-2116	1-5/16	1
C87-2120	1-5/16	1-1/4
C87-2620	1-5/8	1-1/4
C87-2624	1-5/8	1-1/2
C87-3024	1-7/8	1-1/2
C87-4032	2-1/2	2

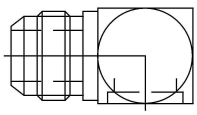
 For stainless steel quote standard part number and add suffix "SS". Enquire for price and availability.

Tubeweld Union BSPP Female



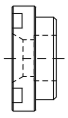
P/Number	Thread	Tube
CB87-0404	1/4	1/4
CB87-0406	1/4	3/8
CB87-0606	3/8	3/8
CB87-0808	1/2	1/2
CB87-0810	1/2	5/8
CB87-0812	1/2	3/4
CB87-1212	3/4	3/4
CB87-1616	1	1
CB87-1620	1	1-1/4
CB87-2016	1-1/4	1
CB87-2020	1-1/4	1-1/4
CB87-2424	1-1/2	1-1/2

Tubeweld 90 deg Elbow JIC Male



	P/Number	Thread	Tube
*	C88-0704	7/16	1/4
	C88-0906	9/16	3/8
	C88-0908	9/16	1/2
*	C88-1206	3/4	3/8
	C88-1208	3/4	1/2
	C88-1210	3/4	5/8
*	C88-1212	3/4	3/4
	C88-1410	7/8	5/8
*	C88-1712	1-1/16	3/4
	C88-1714	1-1/16	7/8
	C88-2116	1-5/16	1
*	C88-2120	1-5/16	1-1/4
*	C88-2620	1-5/8	1-1/4

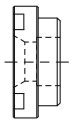
Tubeweld Flange SAE O'Ring Code 61 (3000 psi)



	P/Number	Flange	Tube
	C92-0808	1/2	1/2
	C92-0810	1/2	5/8
	C92-1208	3/4	1/2
*	C92-1210	3/4	5/8
	C92-1212	3/4	3/4
	C92-1216	3/4	1
	C92-1608	1	1/2
*	C92-1610	1	5/8
	C92-1612	1	3/4
	C92-1616	1	1
	C92-1620	1	1-1/4
	C92-2012	1-1/4	3/4
	C92-2016	1-1/4	1
	C92-2020	1-1/4	1-1/4
	C92-2024	1-1/4	1-1/2
	C92-2416	1-1/2	1
	C92-2420	1-1/2	1-1/4
	C92-2424	1-1/2	1-1/2
*	C92-2432	1-1/2	2
	C92-3220	2	1-1/4
	C92-3224	2	1-1/2
	C92-3232	2	2
*	C92-4032	2-1/2	2
	C92-4040	2-1/2	2-1/2

90 Duro 'O' Ring supplied

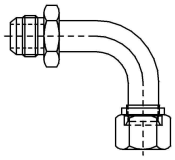
Tubeweld Flange SAE O'Ring Code 62 (6000 psi)



	P/Number	Flange	Tube
	C92H-0808	1/2	1/2
	C92H-0812	1/2	3/4
	C92H-1212	3/4	3/4
*	C92H-1216	3/4	1
*	C92H-1612	1	3/4
	C92H-1616	1	1
	C92H-1620	1	1-1/4
	C92H-2016	1-1/4	1
	C92H-2020	1-1/4	1-1/4
	C92H-2024	1-1/4	1-1/2
	C92H-2420	1-1/2	1-1/4
	C92H-2424	1-1/2	1-1/2
	C92H-3224	2	1-1/2
	C92H-3232	2	2

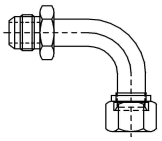
90 Duro 'O' Ring supplied

Short 90 deg. Tube JIC x JIC M/F SAE 100R2 Working Pressure



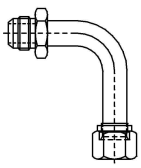
P/Number	Thread
C93-0707	7/16 x 7/16
C93-0808	1/2 x 1/2
C93-0909	9/16 x 9/16
C93-1212	3/4 x 3/4
C93-1414	7/8 x 7/8
C93-1717	1-1/16 x 1-1/16
C93-2121	1-5/16 x 1-5/16
C93-2626	1-5/8 x 1-5/8
C93-3030	1-7/8 x 1-7/8
C93-4040	2-1/2 x 2-1/2

Short 90 deg. Tube M/F JIC x JIC SAE 100R12 Working Pressure



P/Number	Thread
C93H-1212	3/4 x 3/4
C93H-1717	1-1/16 x 1-1/16
C93H-2121	1-5/16 x 1-5/16
C93H-2626	1-5/8 x 1-5/8
C93H-3030	1-7/8 x 1-7/8

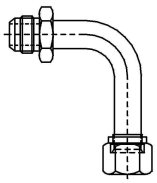
Long 90 deg. Tube M/F JIC x JIC SAE 100R2 Working Pressure



P/Number	Thread
C94-0707	7/16 x 7/16
C94-0808	1/2 x 1/2
C94-0909	9/16 x 9/16
C94-1212	3/4 x 3/4
C94-1414	7/8 x 7/8
C94-1717	1-1/16 x 1-1/16
C94-2121	1-5/16 x 1-5/16
C94-2626	1-5/8 x 1-5/8
C94-3030	1-7/8 x 1-7/8

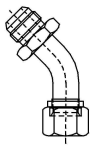
*Manufactured To Order (minimum qtys may apply)

Long 90 deg. Tube M/F JIC x JIC SAE 100R12 Working Pressure



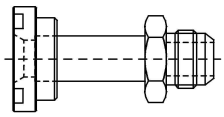
P/Number	Thread
C94H-1212	3/4 x 3/4
C94H-1717	1-1/16 x 1-1/16
C94H-2121	1-5/16 x 1-5/16
C94H-2626	1-5/8 x 1-5/8
C94H-3030	1-7/8 x 1-7/8

Short 45 deg. Tube M/F JIC x JIC SAE 100R2 Working Pressure



P/Number	Thread
C95-0707	7/16 x 7/16
* C95-0808	1/2 x 1/2
C95-0909	9/16 x 9/16
C95-1212	3/4 x 3/4
C95-1414	7/8 x 7/8
C95-1717	1-1/16 x 1-1/16
C95-2121	1-5/16 x 1-5/16
C95-2626	1-5/8 x 1-5/8

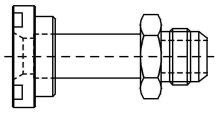
Straight Flangehead JIC Male x SAE (Code 61) SAE 100R2 Working Pressure



P/Number	Thread	Flange
C96-1208	3/4	1/2
C96-1212	3/4	3/4
C96-1412	7/8	3/4
C96-1712	1-1/16	3/4
C96-1716	1-1/16	1
C96-1720	1-1/6	1-1/4
C96-2116	1-5/16	1
C96-2120	1-5/16	1-1/4
C96-2124	1-5/16	1-1/2
C96-2620	1-5/8	1-1/4
C96-2624	1-5/8	1-1/2
C96-2632	1-5/8	2
C96-3024	1-7/8	1-1/2
C96-3032	1-7/8	2
C96-4032	2-1/2	2

90 Duro 'O' Ring supplied

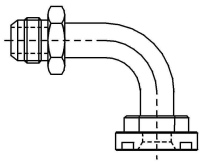
Straight Flangehead JIC Male x SAE (Code 62) SAE 100R12 Working Pressure



P/Number	Thread	Flange
C96H-1712	1-1/16	3/4
C96H-1716	1-1/16	1
C96H-2116	1-5/16	1
C96H-2120	1-5/16	1-1/4
C96H-2620	1-5/8	1-1/4
C96H-2624	1-5/8	1-1/2
C96H-3020	1-7/8	1-1/4
C96H-3024	1-7/8	1-1/2

90 Duro 'O' Ring supplied

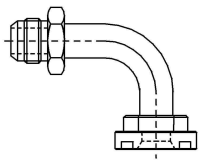
90 deg. Flangehead JIC Male x SAE (Code 61) SAE 100R2 Working Pressure



P/Number	Thread	Flange
C97-1208	3/4	1/2
C97-1212	3/4	3/4
C97-1412	7/8	3/4
C97-1416	7/8	1
C97-1712	1-1/16	3/4
C97-1716	1-1/16	1
C97-1720	1-1/16	1-1/4
* C97-1724	1-1/16	1-1/2
C97-2116	1-5/16	1
C97-2120	1-5/16	1-1/4
C97-2124	1-5/16	1-1/2
C97-2616	1-5/8	1
C97-2620	1-5/8	1-1/4
C97-2624	1-5/8	1-1/2
C97-2632	1-5/8	2
* C97-3020	1-7/8	1-1/4
C97-3024	1-7/8	1-1/2
C97-4032	2-1/2	2
C97-4040SUCTION	2-1/2	2-1/2

90 Duro 'O' Ring supplied

90 deg. Flangehead JIC Male x SAE (Code 62) SAE 100R12 Working Pressure

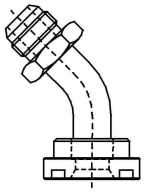


P/Number	Thread	Flange
C97H-1712	1-1/16	3/4
C97H-1716	1-1/16	1
* C97H-1720	1-1/16	1-1/4
C97H-2112	1-5/16	3/4
C97H-2116	1-5/16	1
C97H-2120	1-5/16	1-1/4
C97H-2620	1-5/8	1-1/4
C97H-2624	1-5/8	1-1/2
* C97H-3020	1-7/8	1-1/4
C97H-3024	1-7/8	1-1/2
C97H-4024	2-1/2	1-1/2

90 Duro 'O' Ring supplied

 For stainless steel quote standard part number and add suffix "SS". Enquire for price and availability.

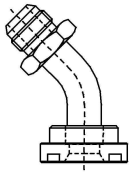
45 deg. Flangehead JIC Male x SAE (Code 61) SAE 100R2 Working Pressure



P/Number	Thread	Flange
C98-1208	3/4	1/2
C98-1212	3/4	3/4
C98-1712	1-1/16	3/4
C98-1716	1-1/16	1
C98-2116	1-5/16	1
C98-2120	1-5/16	1-1/4
C98-2124	1-5/16	1-1/2
C98-2620	1-5/8	1-1/4
C98-2624	1-5/8	1-1/2
* C98-3024	1-7/8	1-1/2

90 Duro 'O' Ring supplied

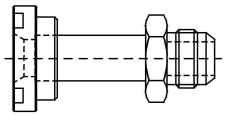
45 deg. Flangehead JIC Male x SAE (Code 62) SAE 100R12 Working Pressure



P/Number	Thread	Flange
C98H-1408	7/8	1/2
C98H-1712	1-1/16	3/4
C98H-2116	1-5/16	1
C98H-2620	1-5/8	1-1/4
C98H-2624	1-5/8	1-1/2

90 Duro 'O' Ring supplied

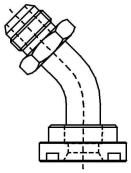
Straight Flangehead JIC Male x SAE (Code 62) 6000 psi Working Pressure One Piece Construction



P/Number	Thread	Flange
12FLH6K-12MJ	1-1/16	3/4
16FLH6K-12MJ	1-1/16	1
16FLH6K-16MJ	1-5/16	1
16FLH6K-20MJ	1-5/8	1
20FLH6K-16MJ	1-5/16	1-1/4
20FLH6K-20MJ	1-5/8	1-1/4
24FLH6K-20MJ	1-5/8	1-1/2
24FLH6K-24MJ	1-7/8	1-1/2

90 Duro 'O' Ring **NOT included**

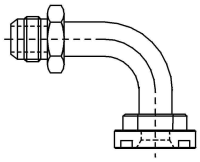
45-deg Flangehead JIC Male x SAE (Code 62) 6000 psi Working Pressure One Piece Construction



P/Number	Thread	Flange
12FLH6K-12MJ45	1-1/16	3/4
16FLH6K-16MJ45	1-5/16	1
20FLH6K-20MJ45	1-5/8	1-1/4

90 Duro 'O' Ring **NOT included**

90-deg Flangehead JIC Male x SAE (Code 62) 6000 psi Working Pressure One Piece Construction



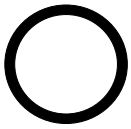
P/Number	Thread	Flange
12FLH6K-12MJ90	1-1/16	3/4
12FLH6K-16MJ90	1-5/16	3/4
16FLH6K-12MJ90	1-1/16	1
16FLH6K-16MJ90	1-5/16	1
16FLH6K-20MJ90	1-5/8	1
20FLH6K-16MJ90	1-5/16	1-1/4
20FLH6K-20MJ90	1-5/8	1-1/4
24FLH6K-20MJ90	1-5/8	1-1/2

90 Duro 'O' Ring **NOT included**

FLANGE CLAMPS, FLANGE BLOCKS AND PLUGS NOW IN SECTION 5, PAGE 5.12

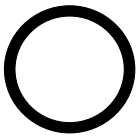
*Manufactured To Order (minimum qtys may apply)

'O' Ring to suit SAE 'O' Ring Boss Thread



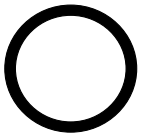
P/Number	Size
R01-06	3/8
R01-07	7/16
R01-08	1/2
R01-09	9/16
R01-12	3/4
R01-14	7/8
R01-17	1-1/16
R01-19	1-3/16
R01-21	1-5/16
R01-26	1-5/8
R01-30	1-7/8
R01-40	2-1/2

'O' Ring to Suit SAE Flange



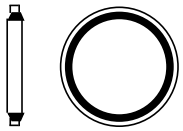
P/Number	Size
R02-08	1/2
R02-12	3/4
R02-16	1
R02-20	1-1/4
R02-24	1-1/2
R02-32	2
R02-40	2-1/2
R02-48	3

'O' Ring to Suit BSPP Threads



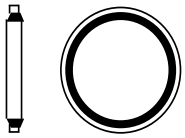
P/Number	Size
R03-02	1/8
R03-04 GAUGE	1/4
R03-04	1/4
R03-06	3/8
R03-08	1/2
R03-12	3/4
R03-16	1
R03-20	1-1/4
R03-24	1-1/2

Dowty Seal BSPP Thread DIN Std



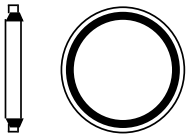
P/Number	Size
R04-02	1/8
R04-04	1/4
R04-06	3/8
R04-08	1/2
R04-12	3/4
R04-16	1
R04-20	1-1/4

Dowty Seal BSPP Thread B.S. Std



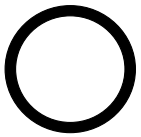
P/Number	Size
R04B-02	1/8
R04B-04	1/4
R04B-06	3/8
R04B-08	1/2
R04B-12	3/4
R04B-16	1
R04B-20	1-1/4
R04B-24	1-1/2
R04B-32	2
R04B-40	2-1/2

Dowty Seal Metric Thread



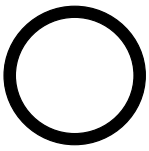
P/Number	Size
R04M-08	M8
R04M-10	M10
R04M-12	M12
R04M-14	M14
R04M-16	M16
R04M-18	M18
R04M-20	M20
R04M-22	M22
R04M-24	M24
R04M-26	M26
R04M-27	M27
R04M-33	M33
R04M-42	M42
R04M-48	M48

'O' Ring to Suit Male Swivel



P/Number	Size
R05-04	1/4
R05-06	3/8
R05-08	1/2

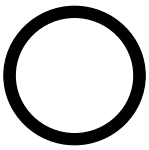
'O' Ring to Suit ORFS Fittings



P/Number	Size
R06-09	9/16
R06-11	11/16
R06-13	13/16
R06-16	1
R06-19	1-3/16
R06-23	1-7/16
R06-27	1-11/16
R06-32	2

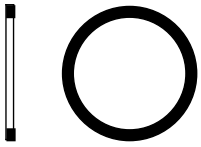
 For stainless steel quote standard part number and add suffix "SS". Enquire for price and availability.

'O' Ring to Suit DKO Fittings



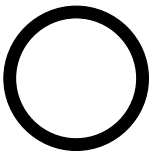
P/Number	Size
R08-14	M14
R08-16	M16
R08-18	M18
R08-20	M20
R08-22	M22
R08-24	M24
R08-30	M30
R08-36	M36
R08-42	M42
R08-52	M52

Retaining Ring For BSPP 'O' Ring



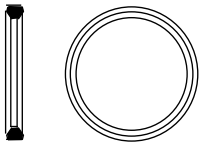
P/Number	Size
R13-02	1/8
R13-04	1/4
R13-06	3/8
R13-08	1/2
R13-12	3/4
R13-16	1
R13-20	1-1/4
R13-24	1-1/2

'O' Ring Encapsulated to Suit BSPP Threads



P/Number	Size
R19-02	1/8
R19-04	1/4
R19-06	3/8
R19-08	1/2
R19-12	3/4
R19-16	1
R19-20	1-1/4
R19-24	1-1/2

Metric & BSPP Seal Rings



P/Number	Size
DKR-1/4	1/4
DKR-3/8	3/8
DKR-1/2	1/2
DKR-3/4	3/4
DKR-1	1
DKR-1-1/4	1-1/4
DKR-1-1/2	1-1/2
DKR-M12	M12
DKR-M14	M14
DKR-M16	M16
DKR-M18	M18
DKR-M22	M22

Southcott O-ring Kit UNO, ORFS, C61 & C62



P/Number	
SORKIT	

Southcott O-ring Kit BSPP O-ring & retainer



P/Number	
SORKIT-P	

Southcott Bonded Seal Kit Metric Seal



P/Number	
SORKIT-DM	

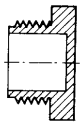
Southcott Bonded Seal Kit BSPP Seal



P/Number	
SORKIT-DP	

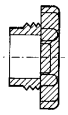
*Manufactured To Order (minimum qtys may apply)

PLUG PLASTIC JIC/SAE/ORFS



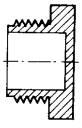
P/Number	Thread
PPJ-07	7/16
PPJ-08	1/2
PPJ-09	9/16
PPJ-10	5/8
PPJ-11	11/16
PPJ-12	3/4
PPJ-13	13/16
PPJ-14	7/8
PPJ-16	1
PPJ-17	1-1/16
PPJ-19	1-3/16
PPJ-21	1-5/16
PPJ-23	1-7/16
PPJ-26	1-5/8
PPJ-30	1-7/8
PPJ-40	2-1/2

PLUG PLASTIC BSP/NPT



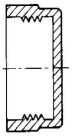
P/Number	Thread
PPB-02	1/8
PPB-04	1/4
PPB-06	3/8
PPB-08	1/2
PPB-10	5/8
PPB-12	3/4
PPB-16	1
PPB-20	1-1/4
PPB-24	1-1/2
PPB-32	2

PLUG PLASTIC METRIC



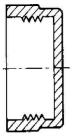
P/Number	Thread
PPM-12	M12 x 1.5
PPM-14	M14 x 1.5
PPM-16	M16 x 1.5
PPM-20	M20 x 1.5
PPM-22	M22 x 1.5
PPM-24	M24 x 1.5
PPM-26	M26 x 1.5
PPM-30	M30 x 2
PPM-33	M33 x 2
PPM-36	M36 x 2
PPM-42	M42 x 2
PPM-52	M52 x 2

CAP PLASTIC JIC/SAE/ORFS



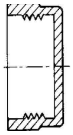
P/Number	Thread
CPJ-07	7/16
CPJ-08	1/2
CPJ-09	9/16
CPJ-10	5/8
CPJ-11	11/16
CPJ-12	3/4
CPJ-13	13/16
CPJ-14	7/8
CPJ-16	1
CPJ-17	1-1/16
CPJ-19	1-3/16
CPJ-21	1-5/16
CPJ-23	1-7/16
CPJ-26	1-5/8
CPJ-30	1-7/8

CAP PLASTIC BSP/NPT



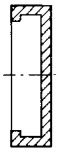
P/Number	Thread
CPB-02	1/8
CPB-04	1/4
CPB-06	3/8
CPB-08	1/2
CPB-10	5/8
CPB-12	3/4
CPB-16	1
CPB-20	1-1/4
CPB-24	1-1/2
CPB-32	2

CAP PLASTIC METRIC



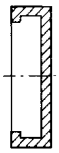
P/Number	Thread
CPM-08	M8 x 1.0
CPM-10	M10 x 1.0
CPM-12	M12 x 1.5
CPM-14	M14 x 1.5
CPM-16	M16 x 1.5
CPM-20	M20 x 1.5
CPM-22	M22 x 1.5
CPM-24	M24 x 1.5
CPM-26	M26 x 1.5
CPM-30	M30 x 2
CPM-33	M33 x 2
CPM-36	M36 x 2
CPM-42	M42 x 2
CPM-52	M52 x 2

CAP PLASTIC FLANGE CODE 61



P/Number	Thread
CPF61-08	1/2
CPF61-12	3/4
CPF61-16	1
CPF61-20	1-1/4
CPF61-24	1-1/2
CPF61-32	2

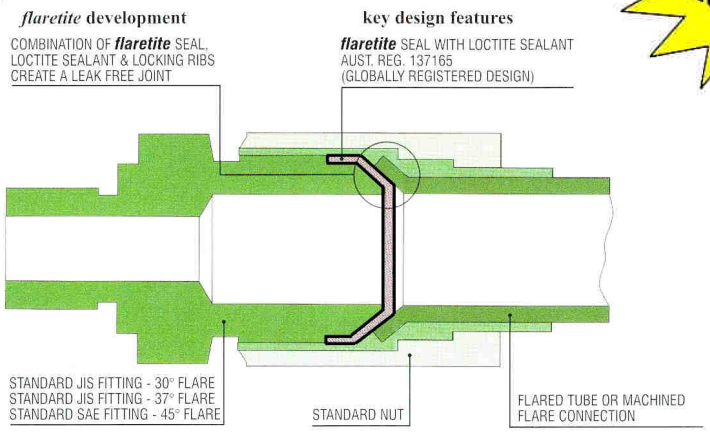
CAP PLASTIC FLANGE CODE 62



P/Number	Thread
CPF62-08	1/2
CPF62-12	3/4
CPF62-16	1
CPF62-20	1-1/4
CPF62-24	1-1/2
CPF62-32	2

 For stainless steel quote standard part number and add suffix "SS". Enquire for price and availability.

flaretite
the only flare seal solution clip the drip



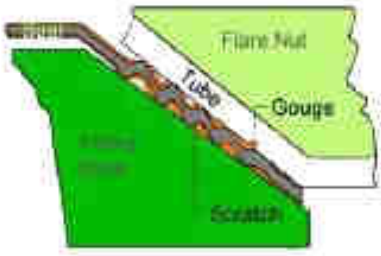
NEW PRODUCT

NFPA and ISO Approve use of Seals in Flared Fittings



The most recent revision of the National Fluid Power Association's (NFPA) standard relating to "Hydraulic Fluid Power systems - Methods For Preventing External Leakage" now recommends the use of compliant seals to address the universal weeping problem of JIC flared fittings.

NFPA now joins the International Standards Organization (ISO) as the two leading standards organizations in the world both recommending seals be fitted to JIC type flared joints to address both environmental and OH&S issues.



Flaretite Seals have a proven history of positive leak-free performance on the most difficult and challenging global applications, such as the M1 Abrams Tanks and the latest M-777 Howitzer, where severe shock loads and vibration saw JIC flared fitting joints fail on commissioning.

In addition to these and other US Army and Navy applications Flaretite seals are fitted by manufacturers such as Wind Generator Drives and Kanga Loaders in Australia on their ride-on mini loaders to eliminate costly rework and customer compliant warranty issues.



Flaretite Seals are a metal stamping with multiple concentric rings. They are impregnated with a special Loctite coating and when inserted into a flared fitting joint the concentric rings form multiple seals down the face of the flare whilst the loctite coating fills minor fitting face imperfections providing a positive leak free seal solution.

Flaretite Seals are available in 304 stainless for 37 degree JIC standard Hydraulic system use and 316 stainless for marine applications. They are also available in 30 degree JIS, 45 degree (SAE J512 Automotive) and 45 degree (SAE J513) in copper for gas and refrigeration use.

*Manufactured To Order (minimum qtys may apply)

Flaretite Seals

Seals the mating faces of any standard JIC/SAE/JIS flare joint

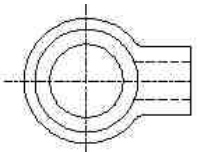
304 Standard	316 Stainless	JIC Thread Size	Pack Qty.
Individual Seal Part No.	Individual Seal Part No.		
IP-37FT04-304-SOR	IP-37FT04-316-SGR	7/16"	1
IP-37FT06-304-SOR	IP-37FT06-316-SGR	9/16"	1
IP-37FT08-304-SOR	IP-37FT08-316-SGR	3/4"	1
IP-37FT10-304-SOR	IP-37FT10-316-SGR	7/8"	1
IP-37FT12-304-SOR	IP-37FT12-316-SGR	1-1/16"	1
IP-37FT16-304-SOR	IP-37FT16-316-SGR	1-5/16"	1
IP-37FT20-304-SOR	IP-37FT20-316-SGR	1-5/8"	1
	IP-37FT24-316-SGR	1-7/8"	1
	IP-37FT32-316-SGR	2-1/2"	1

Standard Pack Part No.	Standard Pack Part No.	JIC Thread Size	Pack Qty.
BP-37FT04-304-SOR	BP-37FT04-316-SGR	7/16"	20
BP-37FT06-304-SOR	BP-37FT06-316-SGR	9/16"	20
BP-37FT08-304-SOR	BP-37FT08-316-SGR	3/4"	20
BP-37FT10-304-SOR	BP-37FT10-316-SGR	7/8"	20
BP-37FT12-304-SOR	BP-37FT12-316-SGR	1-1/16"	20
BP-37FT16-304-SOR	BP-37FT16-316-SGR	1-5/16"	20
BP-37FT20-304-SOR	BP-37FT20-316-SGR	1-5/8"	20
	BP-37FT24-316-SGR	1-7/8"	10
	BP-37FT32-316-SGR	2-1/2"	10

Bulk Pack	Bulk Pack	JIC Thread Size	Pack Qty.
QT-37FT04-304-SOR	QT-37FT04-316-SGR	7/16"	100
QT-37FT06-304-SOR	QT-37FT06-316-SGR	9/16"	100
QT-37FT08-304-SOR	QT-37FT08-316-SGR	3/4"	100
QT-37FT10-304-SOR	QT-37FT10-316-SGR	7/8"	100
QT-37FT12-304-SOR	QT-37FT12-316-SGR	1-1/16"	100
QT-37FT16-304-SOR	QT-37FT16-316-SGR	1-5/16"	50
QT-37FT20-304-SOR	QT-37FT20-316-SGR	1-5/8"	50
	QT-37FT24-316-SGR	1-7/8"	25
FLARETITE KIT		7/16", 9/16", 3/4", 7/8", 1 1/16", 1 5/16", 1 5/8"	5, 5, 5, 5, 5, 5, 5

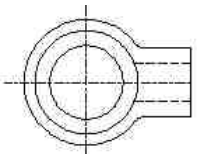
 For stainless steel quote standard part number and add suffix "SS". Enquire for price and availability.

Banjo
Metric c/w Back Bore



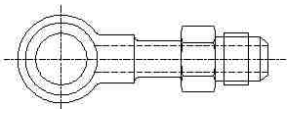
P/Number	Diam	B/Bore
BJ1-08	8	5
BJ1-10	10	6
BJ1-12	12	8
BJ1-14	14	10

Banjo
BSPP c/w Back Bore



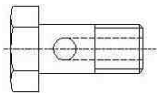
P/Number	Diam	B/Bore
BJ2-02	1/8	1/8
BJ2-04	1/4	1/4
BJ2-06	3/8	3/8
BJ2-08	1/2	1/2

Banjo
Metric to JIC-M



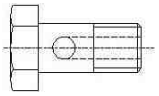
P/Number	Diam	JIC
BJ3-0807	8	7/16
BJ3-0809	8	9/16
BJ3-1007	10	7/16
BJ3-1009	10	9/16
BJ3-1209	12	9/16
BJ3-1409	14	9/16

Banjo Bolt
Metric



P/Number	Diam	Pitch
BJB-08Mx1.0	8	1.00
BJB-08Mx1.25	8	1.25
BJB-10Mx1.0	10	1.00
BJB-12Mx1.5	12	1.50
BJB-14Mx1.5	14	1.50

Banjo Bolt
BSPP



P/Number		Size
BJB-02B		1/8
BJB-04B		1/4
BJB-06B		3/8
BJB-08B		1/2

Banjo Washer

P/Number	Type	Size
BJW-08M	Metric	8
BJW-10M	Metric	10
BJW-12M	Metric	12
BJW-14M	Metric	14
BJW-02B	BSPP	1/8
BJW-04B	BSPP	1/4
BJW-06B	BSPP	3/8
BJW-08B	BSPP	1/2

QUICK RELEASE COUPLINGS - FASTER

NV ..... Valve Type Coupling 5.3
ANV ..... A Series Standard Coupling 5.3
NS ..... Ball Type Couplings 5.3
PV ..... Push-Pull 5.4
VV ..... Screw On Heavy Duty 5.4
PVVM ..... Screw On 5.4
FFH ..... Flat-Faced Couplings 5.5
3FFH ..... Flat-Faced Couplings 5.5
4BD4FH ..... Flat-Faced Couplings (Skid Steer Loaders) 5.5
3FFV ..... Flat-Faced Screw Together 5.6
FHV ..... Flat-Faced Screw Together 5.6
3CFPV ..... Valve Type Rigid Mount Coupling 5.6
NZ ..... Interchange with PB3310 Coupling 5.7
DF ..... Coupling Test Point 5.7

QUICK RELEASE COUPLINGS - SUNDRIES - FASTER

TM & TF ..... PVC Dust Plug & Caps to suit NV couplings 5.7
TMV & TFV ..... Aluminium Dust Plugs & Caps to suit VV couplings 5.7
TMP & TFP ..... Aluminium Dust Plugs & Caps to suit P couplings 5.7
TM2 & TF2 ..... Dust Covers to suit FFH, 3FFH & 4BD4FH series 5.8
SD ..... Dual Bracket 5.8
SS-12M ..... Support Nipple 5.8
TA ..... Self-Closing Dust Cap 5.8

QUICK RELEASE COUPLINGS - MULTIFASTER

..... Standard MultiFaster 5.9
..... Front End Loader MultiFaster 5.9
..... New Holland MultiFaster 5.9
..... MultiFaster Accessories & Spares 5.9

PORTA-POWER HOSES

..... Replacement Hose Assemblies 5.10
..... Quick-Release Couplings 5.10

QUICK RELEASE COUPLINGS - TEMA STYLE

..... Coupling - CEJN 5.11

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SF60** ..... Flange Code 62 ..... 5.12
CATFHS ..... Flange CAT-Style 5.12

SAE FLANGES

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CFCS ..... Blank Code 62 ..... 5.13
FP ..... Blank Code 61 ..... 5.14
FPH ..... Blank Code 62 ..... 5.14
CFS ..... BSPP Code 61 ..... 5.15
CFS ..... NPTF Code 61 ..... 5.15
CFS ..... BSPP Code 62 ..... 5.15
JIC ..... JIC Code 61 ..... 5.16
JIC ..... JIC Code 62 ..... 5.16
JIC ..... JIC 90° Code 61 ..... 5.17
JIC ..... JIC 90° Code 62 ..... 5.17

SAE FLANGE BOLT KITS

BKU-CAP ..... UNC Cap Head Bolt Kit 5.18
BKUH-CAP ..... UNC Cap Head Bolt Kit Heavy Duty 5.18
BKU-HEX ..... UNC Hex Head Bolt Kit 5.18
BKUH-HEX ..... UNC Hex Head Bolt Kit Heavy Duty 5.18
BKM-CAP ..... Metric Cap Head Bolt Kit 5.18
BKMH-CAP ..... Metric Cap Head Bolt Kit Heavy Duty 5.18
BKM-HEX ..... Metric Hex Head Bolt Kit 5.18
BKMH-HEX ..... Metric Hex Head Bolt Kit Heavy Duty 5.18

*Available on Request - Minimum Order Quantities May Apply

Section 5
Accessories

SWIVEL JOINTS
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9S SERIES ..... 90 Swivel Joints 5.20

SWIVEL JOINTS - TEMA
..... Swivel Joint 5.21

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GGIL SERIES..... In Line Rotary Couplings 5.22
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..... GM-2 Series 5.23
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..... VBB series 5.23

CHECK VALVES
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..... VU Series 5.24

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CP1 - CP4 ..... Heavyweight Clamp 5.32
VA-CP..... Heavyweight Stacking Bolt M & F 5.32

PIPE CLAMPS - DOUBLES
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VA-CF ..... Stacking Bolt M & F 5.33

HOSE CLAMPS
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TTBS..... All Stainless, Heavy Duty T-Bolt Clamps 5.36
MH & HS ..... Perforated Band Clamps 5.37
CAI ..... Vinyl Coated "P" Clamps 5.38
TRLC..... Rubber Lined "P" Clamps 5.38

SWAGING MACHINES & CUT-OFF SAWS
..... Child 5.39

*Available on Request - Minimum Order Quantities May Apply

NV Series

1/2" only interchangeable according to ISO 7241-1 Part A

Standard couplings for general purpose applications with poppet valve shut-off system.
Connection/Disconnection under pressure: Not allowed.

Thread	Part Number	Part Number	Flow LPM	MWP	Accessories PVC		Accessories Alloy		Seal Kits
BSPP	Male Half	Female Half	l/min	bar	Caps	Plugs	Caps	Plugs	Female
1/4	NV-14GAS-M	NV-14GAS-F	15	350	TF-14	TM-14	TF-14-S	TM-14-S	SK-NV14-F
3/8	NV-38GAS-M	NV-38GAS-F	50	300	TF-38	TM-38	TF-38-S	TM-38-S	SK-NV38-F
1/2	NV-12GAS-M	NV-12GAS-F	75	300	TF-12	TM-12	TF-12-S	TM-12-S	SK-NV12-F
3/4	NV-34GAS-M	NV-34GAS-F	150	250	TF-34	TM-34	TF-34-S	TM-34-S	SK-NV34-F
1	NV-1GAS-M	NV-1GAS-F	230	230	TF-1	TM-1	TF-1-S	TM-1-S	SK-NV1-F
1-1/4	NV-114GAS-M	NV-114GAS-F	340	220	TF-114	TM-114	TF-114-S	TM-114-S	SK-NV114-F
1-1/2	NV-112GAS-M	NV-112GAS-F	450	180	TF-112	TM-112	TF-112-S	TM-112-S	SK-NV112-F
2	NV-2GAS-M	NV-2GAS-F	1000	130	TF-2	TM-2	TF-2-S	TM-2-S	SK-NV2-F

NPT, SAE & Metric thread types available on request



ANV Series

ISO 7241 Part A Interchange

Standard couplings for agricultural applications. Poppet valve shut-off system.
Connection/Disconnection under pressure: Not allowed.

Thread	Part Number	Part Number	Flow LPM	MWP	Accessories PVC		Accessories Alloy		Seal Kits
BSPP	Male Half	Female Half	l/min	bar	Caps	Plugs	Caps	Plugs	Female
1/4	ANV-14GAS-M	ANV-14GAS-F	9	500	TFA-14	TMA-14	TFA-14-S	TMA-14-S	SK-ANV-14
3/8	ANV-38GAS-M	ANV-38GAS-F	30	300	TFA-38	TMA-38	TFA-38-S	TMA-38-S	SK-ANV-38
1/2	NV-12GAS-M	NV-12GAS-F	75	300	TF-12	TM-12	TF-12-S	TM-12-S	SK-NV12-F
3/4	ANV-34GAS-M	ANV-34GAS-F	180	300	TFA-34	TMA-34	TFA-34-S	TMA-34-S	SK-ANV-34
1	ANV-1GAS-M	ANV-1GAS-F	270	250	TFA-1	TMA-1	TFA-1-S	TMA-1-S	SK-ANV-1
1-1/4	ANV-114GAS-M	ANV-114GAS-F	330	250	TFA-114	TMA-114	TFA-114-S	TMA-114-S	SK-ANV-114
1-1/2	ANV-112GAS-M	ANV-112GAS-F	450	200	TFA-112	TMA-112	TFA-112-S	TMA-112-S	SK-ANV-112
2	ANV-2GAS-M	ANV-2GAS-F	900	150	TFA-2	TMA-2	TFA-2-S	TMA-2-S	SK-ANV-2

NPT, SAE & Metric thread types available on request



NS Series

1/2" only interchangeable according to ISO 7241-1 Part A

Standard couplings for general purpose applications with ball valve shut-off system.
Connection/Disconnection under pressure: Not allowed.

Thread	Part Number	Part Number	Flow LPM	MWP	Accessories PVC		Accessories Alloy		Seal Kits
BSPP	Male Half	Female Half	l/min	bar	Caps	Plugs	Caps	Plugs	Female
1/4	NS-14GAS-M	NS-14GAS-F	15	250	TF-14	TM-14	TF-14-S	TM-14-S	SK-NV14-F
1/4	NS-14NPT-M	NS-14NPT-F	15	250	TF-14	TM-14	TF-14-S	TM-14-S	SK-NV14-F
3/8	NS-38GAS-M	NS-38GAS-F	30	250	TF-38	TM-38	TF-38-S	TM-38-S	SK-NV38-F
3/8	NS-38NPT-M	NS-38NPT-F	30	250	TF-38	TM-38	TF-38-S	TM-38-S	SK-NV38-F
1/2	NS-12GAS-M	NS-12GAS-F	50	200	TF-12	TM-12	TF-12-S	TM-12-S	SK-NV12-F
1/2	NS-12NPT-M	NS-12NPT-F	50	200	TF-12	TM-12	TF-12-S	TM-12-S	SK-NV12-F
3/4	NS-34GAS-M	NS-34GAS-F	80	170	TF-34	TM-34	TF-34-S	TM-34-S	SK-NV34-F
3/4	NS-34NPT-M	NS-34NPT-F	80	170	TF-34	TM-34	TF-34-S	TM-34-S	SK-NV34-F
1	NS-1GAS-M	NS-1GAS-F	140	220	TF-1	TM-1	TF-1-S	TM-1-S	SK-NV1-F
1	NS-1NPT-M	NS-1NPT-F	140	220	TF-1	TM-1	TF-1-S	TM-1-S	SK-NV1-F

NPT, SAE & Metric thread types available on request



PV Series

ISO 7241-1 Part A Interchange

Push-pull couplings for agriculture, designed for panel mounted installation. BSP & NPT female thread available. Breakaway function.
Connection/Disconnection under pressure: Not allowed.

Thread	Part Number	Part Number	Flow LPM	MWP	Accessories PVC		Accessories Alloy		Seal Kits
BSPP	Male Half	Female Half	l/min	bar	Caps	Plugs	Caps	Plugs	Female
1/2	Use NV Series	PV-12GAS-F	75	260	TF-12	TM-12	TF-12-S	TM-12-S	SK-NV12-F

NPT thread type available on request



VV Series

Robust, reliable & allows connection under residual pressure. Double function sleeve on female allows for connection with either VV or NV male halves.
Connection/Disconnection under pressure: Allowed residual.

Thread	Part Number	Part Number	Flow LPM	MWP	Accessories PVC		Accessories Alloy		Seal Kits
BSPP	Male Half	Female Half	l/min	bar	Caps	Plugs	Caps	Plugs	Female
1/4	VV-14GAS-M	VV-14GAS-F	18	350	-	-	TFV-14S	TMV-14S	SK-NV14-F
3/8	VV-38GAS-M	VV-38GAS-F	30	300	-	-	TFV-38S	TMV-38S	SK-NV38-F
1/2	VV-12GAS-M	VV-12GAS-F	65	250	-	-	TFV-12S	TMV-12S	SK-NV12-F
3/4	VV-34GAS-M	VV-34GAS-F	100	250	-	-	TFV-34S	TMV-34S	SK-NV34-F
1	VV-1GAS-M	VV-1GAS-F	140	250	-	-	TFV-1S	TMV-1S	SK-NV1-F

NPT thread type available on request



PVVM Series

ISO 14540 Interchange

Screw-on couplings purposely designed for the heaviest applications (eg hydraulic jacks). Robust metal to metal sealing poppet valve. This series guarantees the best performance in terms of maximum working pressure.
Connection/Disconnection under pressure: Allowed residual.

Thread	Part Number	Part Number	Flow LPM	MWP	Accessories PVC		Accessories Alloy		Seal Kits
NPT	Male Half	Female Half	l/min	bar	Caps	Plugs	Caps	Plugs	Female
1/4	PVVM-14NPT-M	PVVM-1/14NPT-F	15	1030	-	-	TFP-14	TMP-14	SK-PVVM14-F
3/8	PVVM-38NPT-M	PVVM-1/38NPT-F	20	1000	-	-	TFP-38	TMP-38	SK-PVVM38-F



*Available on Request - Minimum Order Quantities May Apply

FFH Series

ISO 16028 Interchange, 35MPa Series. Supercedes 2FFI Series

Flate face couplings with real maximum working pressure of 35MPa (350 bar) and zinc nickel plating. Flat valve shut-off system contributes to prevent contamination and spillage.
Connection/Disconnection under pressure: Not allowed.

Thread	Part Number	Part Number	Flow LPM	MWP	Accessories PVC		Accessories Alloy		Seal Kits
BSPP/ SAE	Male Half	Female Half	l/min	bar	Caps	Plugs	Caps	Plugs	Male
1/4	FFH04-14GAS-M	FFH04-14GAS-F	25	350	TF2FI-14	TM2FI-14	TF2FI-14S	TM2FI-14S	SK-MF-14
3/8	FFH06-38GAS-M	FFH06-38GAS-F	50	350	TFF-38	TMF-38	TF2FN-38S	TM2FN-38S	SK-FFH06-M
1/2	FFH06-12GAS-M	FFH06-12GAS-F	50	350	TFF-38	TMF-38	TF2FN-38S	TM2FN-38S	SK-FFH08-M
3/4	FFH06-12SAE-M	FFH06-12SAE-F	50	350	TFF-38	TMF-38	TF2FN-38S	TM2FN-38S	SK-FFH10-M
1/2	FFH08-12GAS-M	FFH08-12GAS-F	110	350	TF2FI-12	TM2FI-12	TF2FI-12S	TM2FI-12S	SK-FFH12-M
3/4	FFH08-34GAS-M	FFH08-34GAS-F	110	350	TF2FI-12	TM2FI-12	TF2FI-12S	TM2FI-12S	SK-FFH16-M
7/8	FFH08-58SAE-M	FFH08-58SAE-F	110	350	TF2FI-12	TM2FI-12	TF2FI-12S	TM2FI-12S	SK-FFH08-M
1-1/16	FFH08-34SAE-M	FFH08-34SAE-F	125	350	TF2FI-12	TM2FI-12	TF2FI-12S	TM2FI-12S	SK-FFH08-M
3/4	FFH10-34GAS-M	FFH10-34GAS-F	160	350	TF2FI-58	TM2FI-58	-	-	SK-FFH10-M
3/4	FFH12-34GAS-M	FFH12-34GAS-F	160	350	TF2FI-34	TM2FI-34	TF2FI-34S	TM2FI-34S	SK-FFH12-M
1-1/16	FFH12-34SAE-M	FFH12-34SAE-F	160	350	TF2FI-34	TM2FI-34	TF2FI-34S	TM2FI-34S	SK-FFH12-M
1	FFH12-1GAS-M	FFH12-1GAS-F	160	350	TF2FI-34	TM2FI-34	TF2FI-34S	TM2FI-34S	SK-FFH16-M
1-5/16	FFH12-1SAE-M	FFH12-1SAE-F	160	350	TF2FI-34	TM2FI-34	TF2FI-34S	TM2FI-34S	SK-FFH12-M
1	FFH16-1GAS-M	FFH16-1GAS-F	230	350	TF2FI-1	TM2FI-1	TF2FI-1S	TM2FI-1S	SK-FFH16-M

NPT, SAE & Metric thread types available on request



3FFH Series

ISO 16028 Interchange. Supercedes 3FFI Series

Flat face couplings, real 35MPa (350 bar) max working pressure. Zinc-nickel plating.
Connection under pressure: Allowed residual.
Disconnection under pressure: Not allowed.

Thread	Part Number	Part Number	Flow LPM	MWP	Accessories PVC		Accessories Alloy	
BSPP	Male Half	Female Half	l/min	bar	Caps	Plugs	Caps	Plugs
3/8	3FFH06-38GAS-M	FFH06-38GAS-F	35	350	TFF-38	TMF-38	TF2FN-38S	TM2FN-38S
1/2	3FFH08-12GAS-M	FFH08-12GAS-F	65	350	TF2FI-12	TM2FI-12	TF2FI-12S	TM2FI-12S
3/4	3FFH12-34GAS-M	FFH12-34GAS-F	115	350	TF2FI-34	TM2FI-34	TF2FI-34S	TM2FI-34S

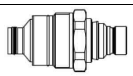
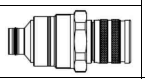
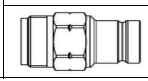
NPT, SAE & Metric thread types available on request
Flow rates based on male coupler



4BD4FH Series

ISO 16028 Interchange

Designed to allow a quick connection and disconnection of attachments for skid steer loaders and other construction equipment machines. Shares all the benefits of the FFH series technology. High flow capability when using 3/4" cartridges instead of 1/2" (both sizes fit into the same body).
Connection under pressure: Using 3FFH Series.
Disconnection under pressure: In two steps.

Thread	Part Number	Part Number	Flow LPM	MWP	Accessories PVC		Accessories Alloy		Seal Kits
JIC	Male Half	Female Half	l/min	bar	Caps	Plugs	Caps	Plugs	-
7/8-M	4BD4FH08-13/58S	-	100	350	TF2FI-12	TM2FI-12	TF2FI-12S	TM2FI-12S	-
1-1/16-M	4BD4FH08-13/34S	-	100	350	TF2FI-12	TM2FI-12	TF2FI-12S	TM2FI-12S	-
Spare Part Kits For The Above									
	KIT-4FH08-M	KIT-4FH08-F		KIT4BD-FFN38N					
Male & Female Spares					Centre Drain Line				



3FFV Series

Flat face, screw on type couplings. Resistant to pressure peaks (hammer circuits).
Connection/Disconnection under pressure: Not allowed.

Thread	Part Number	Part Number	Flow LPM	MWP	Accessories Alloy	
BSPP	Male Half	Female Half	l/min	bar	Caps	Plugs
3/8	3FFV-38GAS-M	3FFV-38GAS-F	45	300	TF-3FV38-S	TM-3FV38-S
1/2	3FFV-12GAS-M	3FFV-12GAS-F	72	300	TF-3FV12-S	TM-3FV12-S
3/4	3FFV-34GAS-M	3FFV-34GAS-F	150	300	TF-3FV34-S	TM-3FV34-S
1	3FFV-1GAS-M	3FFV-1GAS-F	200	400	TF-3FV1-S	TM-3FV1-S
1-1/2	3FFV-112-114GAS-M	3FFV-112-114GAS-F	320	400	TF-3FV112-S	TM-3FV112-S
1-1/2	3FFV-112GAS-M	3FFV-112GAS-F	320	400	TF-3FV112-S	TM-3FV112-S

NPT & SAE thread types available on request



FHV Series

Screw on flat face couplings, suitable for construction equipment and heavy duty applications. No hose torsion during connection/disconnection thanks to internal bearing system. Equipped with a safety sleeve to prevent accidental disconnections due to vibrations.
Connection by hand up to 35MPa residual pressure in the male half.
Disconnection under pressure: Allowed.

Thread	Part Number	Part Number	Flow LPM	MWP	Accessories Alloy		Seal Kits
BSPP	Male Half	Female Half	l/min	bar	Caps	Plugs	Male
3/8	FHV06-38GAS-M	FHV06-38GAS-F	32	530	TF-FHV06-S	TM-FHV06-S	SK-FHV-06
1/2	FHV08-12GAS-M	FHV08-12GAS-F	70	530	TF-FHV08-S	TM-FHV08-S	SK-FHV-08
3/4	FHV12-34GAS-M	FHV12-34GAS-F	120	460	TF-FHV12-S	TM-FHV12-S	SK-FHV-12
1	FHV16-1GAS-M	FHV16-1GAS-F	200	530	TF-FHV16-S	TM-FHV16-S	SK-FHV-16
1-1/4	FHV20-114GAS-M	FHV20-114GAS-F	350	460	TF-FHV20-S	TM-FHV20-S	SK-FHV-20
1-1/2	FHV24-112GAS-M	FHV24-112GAS-F	420	460	TF-FHV24-S	TM-FHV24-S	SK-FHV-24

NPT, SAE (ORB & flange) & Metric flange thread types available on request



3CFPV Series

ISO 7241-1 Part A Interchange

Push-pull coupling, connectable with male under residual pressure. Breakaway function. Can be screwed directly into valve port or rigid pipes.
Connection under pressure: Allowed male half up to working pressure.
Disconnection under pressure: Only as breakaway function.

Thread Type	Part Number	Part Number	Flow LPM	MWP	Accessories PVC		Accessories Acetal Resin		Seal Kits
	Male Half	Female Half	l/min	bar	Caps	Plugs	Caps	Plugs	Female
22m M	NV or 2NV	3CFPV-1/2215-F	70	250	TF-12	TM-12	TA-12	TM-12	SK-NV12-F
7/8 ORB	NV or 2NV	3CFPV-1/78UNF-F	70	250	TF-12	TM-12	TA-12	TM-12	SK-NV12-F
1/2 BSP	NV or 2NV	3CFPV-12GAS-F	70	250	TF-12	TM-12	TA-12	TM-12	SK-NV12-F
7/8 JIC B/H	NV or 2NV	3CFPV-14/78UNF-F	70	250	TF-12	TM-12	TA-12	TM-12	SK-NV12-F
22x1.5 B/H	NV or 2NV	3CFPV-7/2215F	70	250	TF-12	TM-12	TA-12	TM-12	SK-NV12-F

NPT, SAE & Metric thread types available on request



*Available on Request - Minimum Order Quantities May Apply

NZ Series

PB3310 Interchange (PBR 1" Truck)

Similar to NV series couplings but are specially designed to interchange with couplings in the New Zealand market in the transport field.
Connection/Disconnection under pressure: Not allowed.



Thread	Part Number	Part Number	Flow LPM	MWP	Interchange		Accessories PVC		Seal Kits
BSPP	Male Half	Female Half	l/min	bar	Male	Female	Caps	Plugs	Female
1	NZ-1GAS-M	NZ-1GAS-F	160	230	PBR-16MT	PBR-16FB	PBR-16DC	PBR-16DP	-

DF Series

ISO 15171-1 Interchange

Flat face couplings specifically designed to measure the internal pressure of hydraulic circuits. Male part to be mounted on the hydraulic line and female part to be connected to gauge instruments.
Connection/Disconnection under pressure: Not allowed.



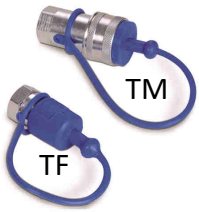
Thread	Part Number	Part Number	Flow LPM	MWP	Accessories PVC		Seal Kits
Type	Male Half	Female Half	l/min	bar	Caps	Plugs	Female
1/8 NPT/F	DF04-18NPT-M	DF04-18NPT-F	2	470	TFDF-04	-	-
1/4 NPT/F	DF04-14NPT-M	DF04-14NPT-F	2	470	TFDF-04	-	-
1/4 NPT/M	DF04-1/14NPT-M	DF04-1/14NPT-F	2	470	TFDF-04	-	-
7/16 UNO/M	DF04-1/14SAE-M	DF04-1/14SAE-F	2	470	TFDF-04	-	-
9/16 UNO/M	DF04-1/38SAE-M	DF04-1/38SAE-F	2	470	TFDF-04	-	-

NPT, SAE, ORB & Metric thread types available on request

TM & TF Dust Caps and Plugs

To suit NV, NS coupling series. Standard colour blue, but also available in orange, yellow, black, red and green.

Size (in)	Caps	Plugs
1/4	TF-14	TM-14
3/8	TF-38	TM-38
1/2	TF-12	TM-12
3/4	TF-34	TM-34
1	TF-1	TM-1



TMV & TFV Dust Caps and Plugs

To suit VV series couplings.

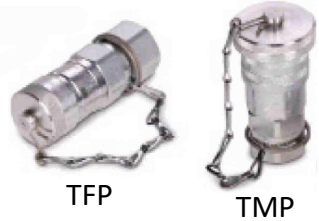
Size (in)	Caps	Plugs
1/4	TFV-14S	TMV-14S
3/8	TFV-38S	TMV-38S
1/2	TFV-12S	TMV-12S
3/4	TFV-34S	TMV-34S
1	TFV-1S	TMV-1S



TMP & TFP Dust Caps and Plugs

To suit PVVM series couplings.

Size (in)	Caps	Plugs
1/4	TFP-14	TMP-14
3/8	TFP-38	TMP-38



TM2 & TF2 Dust Caps and Plugs

To suit FFH, 3FFH and 4BD4FH coupling series. Standard colour blue, but also available in orange, yellow, black red and green.

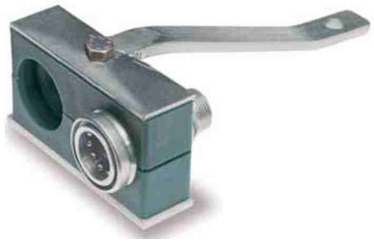
Size (in)	PVC		Aluminium	
	Suit Female	Suit Male	Suit Female	Suit Male
1/4	TM2FI-14	TF2FI-14	TM2FI-14S	TF2FI-14S
3/8	TMF-38	TFF-38	TM2FN-38S	TF2FN-38S
1/2	TM2FI-12	TF2FI-12	TM2FI-12S	TF2FI-12S
3/4	TM2FI-34	TF2FI-34	TM2FI-34S	TF2FI-34S
1	TM2FI-1	TF2FI-1	TM2FI-1S	TF2FI-1S



SD Dual Bracket 1/2" Couplings

To suit PV series couplings (push/pull type).
Colours: Green clamp insets and plated metal bracket

Size (in)	Part No.
1/2	SD-12



SS Support Nipple 1/2" Couplings

To suit NV/NS series male couplings.

Size (in)	Part No.
1/2	SS-12M



TA Self-Closing Dust Cap

Specifically designed for push/pull quick release couplings. It closes itself automatically when the male is disconnected, sealing off dust and dirt. Produced in nylon with stainless steel springs and particularly resistant to weather changes and aging factors.
Colour: Blue (standard)
Available On Request (MOQ may apply):
Yellow, Red, Black, Green, Brown

Size (in)	Part No.
1/2	TA-12



*Available on Request - Minimum Order Quantities May Apply

MULTIFASTER
Quick-Release Multiconnection System



Standard MultiFaster

Base Size	Thread BSPP	Qty Of Lines	Elec. Conn.	Fixed Half	Mobile Half	Flow l/min	PSI
06	1/2	2	N	2P206-2-12G-FC	2P206-2-12G-MC	40	3625
08	1/2	2	N	2P208-2-12G-FC	2P208-2-12G-MC	70	3625
06	1/2	4	N	2P506-4-12G-FC	2P506-4-12G-MC	40	3625
08	1/2	4	N	2P508-4-12G-FC	2P508-4-12G-MC	70	3625
06	1/2	6	N	2P606-6-12G-FC	2P606-6-12G-MC	40	3625
08	1/2	6	N	2P608-6-12G-FC	2P608-6-12G-MC	70	3625

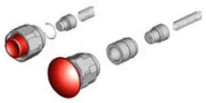
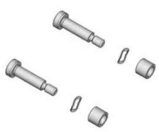
Front End Loader MultiFaster

Base Size	Thread BSPP	Qty Of Lines	Elec. Conn.	Fixed Half	Mobile Half	Flow l/min	PSI
06	3/8	4	N	2PS06-4-38G-FC	2PS06-4-38G-MC	40	3625
06	1/2	4	N	2PS06-4-12G-FC	2PS06-4-12G-MC	40	3625
08	1/2	4	Y	2PS08-1-4-12G-FC	2PS08-1-4-12G-MC	70	3625

New Holland MultiFaster Special

Base Size	Thread UNO	Qty Of Lines	Elec. Conn.	Fixed Half	Mobile Half	Flow l/min	PSI
06	9/16 / 3/4	5	N	2P5065-5-A-FC	3P5065-5-A-MC		3625

Accessories & Spares for MultiFaster

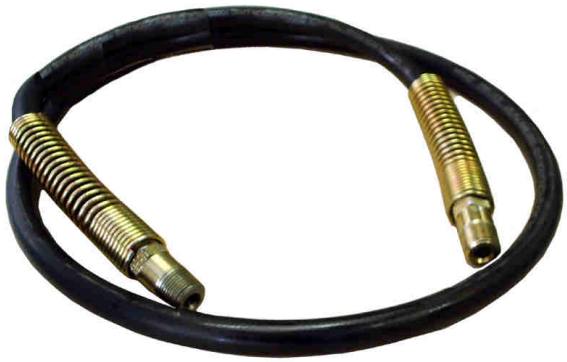
Couplings	Docking	Dust Cover	Electrical	Guide Pins	Lever
					
Plates	**Plugs**	**Safety Locks**	**Screws**	**Seals**	
					

*Available on Request - Minimum Order Quantities May Apply

Porta-Power

REPLACEMENT HYDRAULIC HOSE ASSEMBLIES TO SUIT PORTA-POWER UNITS

HOSE ASSEMBLIES
690 BAR (10,000 PSI) WORKING PRESSURE
2:1 SAFETY FACTOR



NB: Quick-release coupling half not included in hose assembly.

Part No.	
PPH-500	1/4" Jack Line hose (4J2AT) Male NPT couplings and wire bend restrictors at each end
PPH-1000	
PPH-1500	
PPH-2000	
PPH-2500	
PPH-3000	
PPH-3500	
PPH-4000	
PPH-4500	
PPH-5000	
PPH-5500	
PPH-6000	
PPH-6500	
PPH-7000	
PPH-7500	
PPH-10000	
PPH-12000	
PPH-13000	
PPH-14000	
PPH-15000	
Part No. indicates length in (mm).	
Also available: CN9-0606H Socket 3/8" NPT High Pressure	

PVVM Series

ISO 14540 Interchange

Quick Release screw-on couplings. Heavy Duty Series

Screw-in couplings purposely designed for the heaviest applications (eg hydraulic jacks). Robust metal to metal sealing poppet valve, this series guarantees the best performance in terms of maximum working pressure.
Connection/Disconnection under pressure: Allowed residual.

Part No.	DESCRIPTION
PVVM-38NPT-M	Male half coupler 3/8" NPTF
PVVM-1/38NPT-F	Female half coupler, 3/8" NPTF
TFP-38	Dust Cap (Hose Half)
TMP-38	Dust Plug (Ram Half)

Also available 1/4" NPT

Hose Half



Ram Half

*Available on Request - Minimum Order Quantities May Apply

CEJN Quick Release Couplings

TEMA Interchange
Manual locking ring for extra security
High durability
Sturdy design

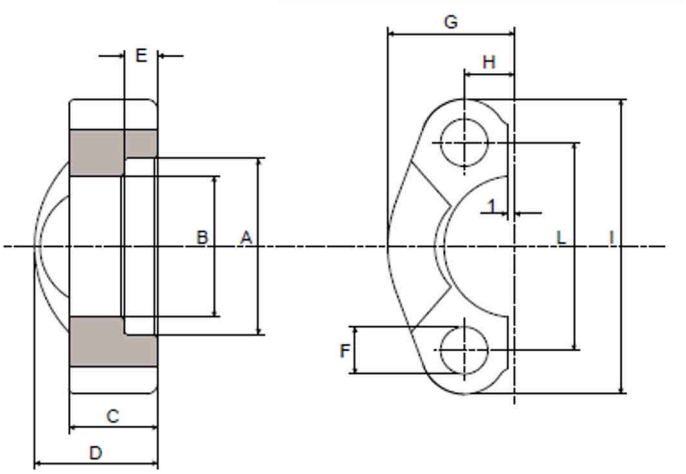




Thread BSPP (in)	Part No. Male	Part No. Female	Flow l/min	MWP bar	Accessories PVC	
					Caps	Plugs
1/4	2520	2510	29	450	2526	2516
3/8	3820	3810	69	350	3826	3816
1/2	5020	5010	122	300	5026	5016
3/4	7520	7510	250	280	7526	7516
1	10020	10010	425	250	10026	10016

*Available on Request - Minimum Order Quantities May Apply

Flange Split Clamp - Code 61, 62 & CAT



Flange Split Clamp (Set = 2 halves)

New Part #	Old Part #	Series 61 WP (bar)	SAE	A mm	C mm	E mm	F mm	H mm	L mm	Bolt Kit mm	Bolt Kit Imperial
SF3001	FSC-08	210	1/2"	31	13	6.2	8.75	17.4	38.1	BKM-08	BKU-5/16
SF3002	FSC-12	210	3/4"	38.9	14	6.2	10.5	22.2	47.6	BKM-10	BKU-3/8
SF3003	FSC-16	210	1"	45.2	16	7.5	10.5	26.2	52.4	BKM-10	BKU-3/8
SF3004	FSC-20	210	1-1/4"	43.7	14	7.5	12	30.2	58.7	BKM-10	BKU-7/16
SF3005	FSC-24	210	1-1/2	61.1	16	7.5	13.5	35.7	69.9	BKM-12	BKU-1/2
SF3006	FSC-32	210	2"	72.2	16	9	13.5	42.8	77.8	BKM-12	BKU-1/2
SF3007	FSC-40	175	2-1/2"	84.9	19	9	13.5	50.8	88.9	BKM-12	BKUH-1/2
SF3008	FSC-48	138	3"	102.4	22	9	17	62	106.4	BKM-16	BKU-5/8

*Larger sizes available on request

Flange Split Clamp (Set = 2 halves)

New Part #	Old Part #	Series 62 WP (bar)	SAE	A mm	C mm	E mm	F mm	H mm	L mm	Bolt Kit mm	Bolt Kit Imperial
SF6001	FSCH-08	420	1/2"	32.5	16	7.2	8.75	18.2	40.5	BKM-08	BKU-5/16
SF6002	FSCH-12	420	3/4"	42	19	8.3	10.5	23.8	50.8	BKMH-10	BKUH-3/8
SF6003	FSCH-16	420	1"	48.4	24	9	13	27.8	57.2	BKMH-12	BKUH-7/16
SF6004	FSCH-20	420	1-1/4"	54.8	27	9.8	15	31.8	66.6	BKM-14	BKUH-1/2
SF6005	FSCH-24	420	1-1/2"	64.3	30	12.1	17	36.5	79.3	BKM-16	BKU-5/8
SF6006	FSCH-32	420	2"	80.2	37	12.1	21	44.4	96.8	BKM-20	BKU-3/4

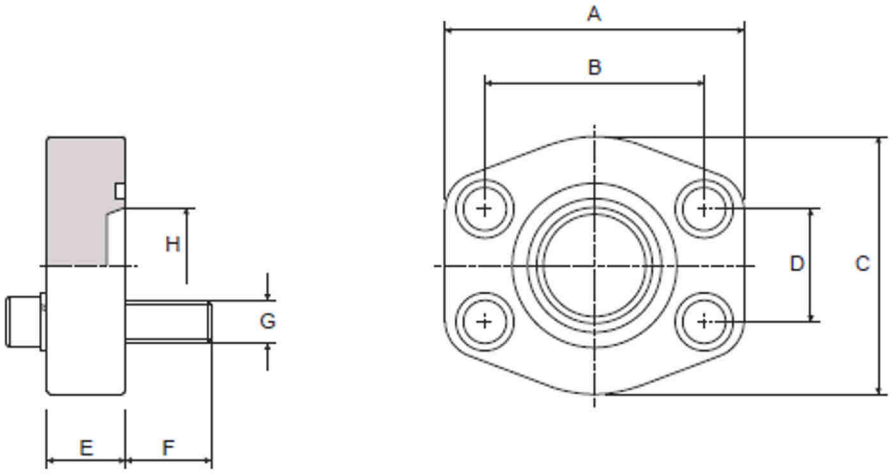
*Larger sizes available on request

Flange Split Clamp (Set = 2 halves)

Part #	Series CAT WP (bar)	CAT	A mm	C mm	E mm	F mm	H mm	L mm	Bolt Kit mm	Bolt Kit Imperial
12CATFHS	420	3/4"	42	-	-	10.5	23.8	50.8	BKMH-10	BKUH-3/8
16CATFHS	420	1"	48.4	-	-	13	27.8	57.2	BKMH-12	BKUH-7/16
20CATFHS	420	1-1/4"	54.8	-	-	15	31.8	66.6	BKMH-14	BKUH-1/2
24CATFHS	420	1-1/2"	64.3	-	-	17	36.5	79.3	BKMH-16	BKU-5/8
32CATFHS	420	2"	80.2	-	-	21	44.4	96.8	BKMH-20	BKU-3/4

*Available on Request - Minimum Order Quantities May Apply

Flange Blanks - Code 61 & 62



Straight Flange

New Part #	Old Part #	Series 61 WP (bar)	SAE	A mm	B mm	C mm	D mm	E mm	O-Ring	Bolt Kit mm	Bolt Kit Imperial
CFCS080-1/2	FL-08	348	1/2"	57	38.1	47	17.5	16	R02-08	BKM-08	BKU-5/16
CFCS100-3/4	FL-12	348	3/4"	66	47.6	49	22.3	18	R02-12	BKM-10	BKU-3/8
CFCS102-1	FL-16	348	1"	71	52.4	53	26.2	19	R02-16	BKM-10	BKU-3/8
CFCS104-1-1/4	FL-20	278	1-1/4"	80	58.7	69	30.2	21	R02-20	BKM-10	BKU-7/16
CFCS106-1-1/2	FL-24	210	1-1/2"	95	69.9	77	35.7	25	R02-24	BKM-12	BKU-1/2
CFCS108-2	FL-32	210	2"	103	77.8	89	42.9	25	R02-32	BKM-12	BKU-1/2
CFCS110-2-1/2	FL-40	175	2-1/2"	116	88.9	101	50.8	25	R02-40	BKM-12	BKUH-1/2
CFCS112-3	FL-48	138	3"	136	106.4	124	61.9	27	R02-48	BKM-16	BKU-5/8

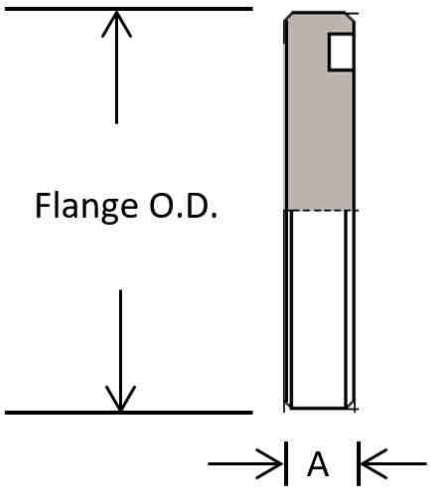
*3-1/2", 4" & 5" sizes available on request

Straight Flange

New Part #	Old Part #	Series 62 WP (bar)	SAE	A mm	B mm	C mm	D mm	E mm	O-Ring	Bolt Kit mm	Bolt Kit Imperial
CFCS401-1/2	FLH-08	420	1/2"	57	40.5	47	18.2	16	R02-08	BKM-08	BKU-5/16
CFCS402-3/4	FLH-12	420	3/4"	71	50.8	53	23.8	19	R02-12	BKMH-10	BKUH-3/8
CFCS403-1	FLH-16	420	1"	80	57.2	66	27.8	24	R02-16	BKMH-12	BKUH-7/16
CFCS404-1-1/4	FLH-20	420	1-1/4"	94	66.6	77	31.8	27	R02-20	BKM-14	BKUH-1/2
CFCS405-1-1/2	FLH-24	420	1-1/2"	103	79.3	89	36.5	30	R02-24	BKM-16	BKU-5/8
CFCS406-2	FLH-32	420	2"	135	96.8	123	44.5	37	R02-32	BKM-20	BKU-3/4

*Larger sizes available on request

Flange Split Clamp Plugs - Code 61 & 62



Flange Split Clamp Plug

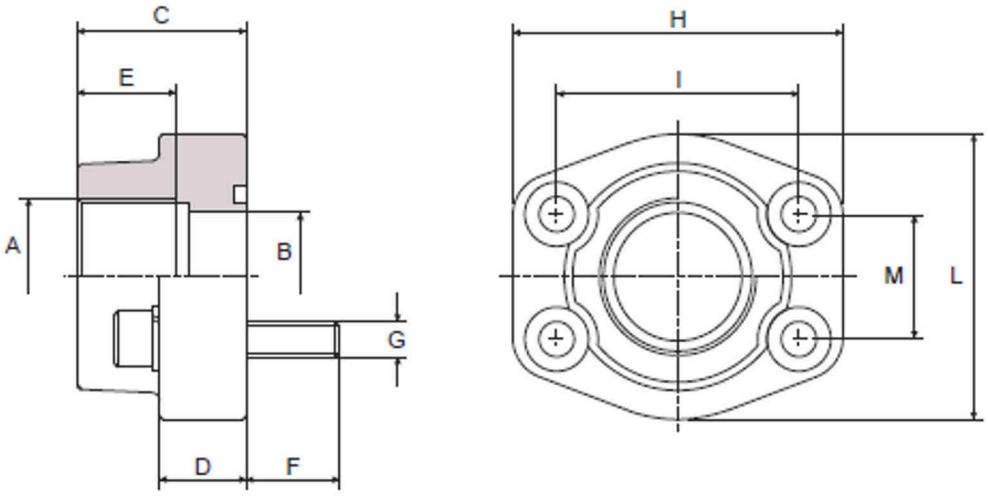
Part #	Series 61 WP (bar)	SAE	Flange O.D. mm	A mm	O-Ring mm
FP-08	210	1/2"	30.2	6.7	R02-08
FP-12	210	3/4"	38.1	6.7	R02-12
FP-16	210	1"	44.5	8.0	R02-16
FP-20	210	1-1/4"	50.8	8.0	R02-20
FP-24	210	1-1/2"	60.3	8.0	R02-24
FP-32	210	2"	71.4	9.5	R02-32

Flange Split Clamp Plug

Part #	Series 62 WP (bar)	SAE	Flange O.D. mm	A mm	O-Ring mm
FPH-08	420	1/2"	31.8	7.7	R02-08
FPH-12	420	3/4"	41.3	8.8	R02-12
FPH-16	420	1"	47.6	9.5	R02-16
FPH-20	420	1-1/4"	54.0	10.3	R02-20
FPH-24	420	1-1/2"	63.5	12.6	R02-24
FPH-32	420	2"	79.4	12.6	R02-32

*Available on Request - Minimum Order Quantities May Apply

BSPP & NPT - Code 61 & 62



Straight Flange to BSPP Female

New Part #	Old Part #	Series 61 WP (bar)	A SAE	C mm	D mm	H mm	I mm	L mm	M mm	O-Ring	Bolt Kit mm	Bolt Kit Imperial
CFS080G-1/2	FB-08	348	1/2"	36	16	57	38.1	47	17.5	R02-08	BKM-08	BKU-5/16
CFS100G-3/4	FB-12	348	3/4"	36	18	66	47.6	49	22.3	R02-12	BKM-10	BKU-3/8
CFS102G-1	FB-16	348	1"	38	18	71	52.4	53	26.2	R02-16	BKM-10	BKU-3/8
CFS104G-1-1/4	FB-20	278	1-1/4"	41	21	80	58.7	69	30.2	R02-20	BKM-10	BKU-7/16
CFS106G-1/1/2	FB-24	210	1-1/2"	44	25	94	69.9	77	35.7	R02-24	BKM-12	BKU-1/2
CFS108G-2	FB-32	210	2"	45	25	103	77.8	89	42.9	R02-32	BKM-12	BKU-1/2
CFS110G-2-1/2	FB-40	175	2-1/2"	50	25	115	88.9	101	50.8	R02-40	BKM-12	BKUH-1/2
CFS112G-3	FB-48	138	3"	50	27	135	106.4	124	61.9	R02-48	BKM-16	BKU-5/8

*3-1/2", 4" & 5" sizes available on request

Straight Flange to BSPP Female

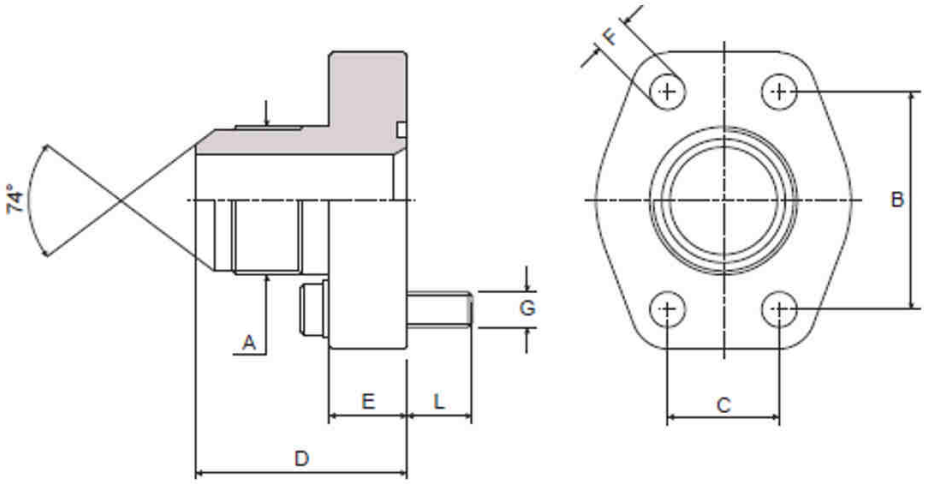
New Part #	Old Part #	Series 62 WP (bar)	A SAE	C mm	D mm	H mm	I mm	L mm	M mm	O-Ring	Bolt Kit mm	Bolt Kit Imperial
CFS401G-1/2	FBH-08	420	1/2"	36	16	57	40.5	47	18.2	R02-08	BKM-08	BKU-5/16
CFS402G-3/4	FBH-12	420	3/4"	36	19	71	50.8	53	23.8	R02-12	BKMH-10	BKUH-3/8
CFS403G-1	FBH-16	420	1"	44	24	80	57.2	69	27.8	R02-16	BKMH-12	BKUH-7/16
CFS404G-1-1/4	FBH-20	420	1-1/4"	44	27	94	66.6	77	31.8	R02-20	BKM-14	BKUH-1/2
CFS405G-1-1/2	FBH-24	420	1-1/2"	51	30	106	79.3	89	36.5	R02-24	BKM-16	BKU-5/8
CFS406G-2	FBH-32	420	2"	70	37	135	96.8	116	44.5	R02-32	BKM-20	BKU-3/4

Straight Flange to NPT Female

New Part #	Old Part #	Series 61 WP (bar)	A SAE	C mm	D mm	H mm	I mm	L mm	M mm	O-Ring	Bolt Kit mm	Bolt Kit Imperial
CFS080N-1/2	FN-08	420	1/2"	36	16	57	38.1	47	17.5	R02-08	BKM-08	BKU-5/16
CFS100N-3/4	FN-12	420	3/4"	36	18	66	47.6	49	22.3	R02-12	BKM-10	BKU-3/8
CFS102N-1	FN-16	420	1"	38	18	71	52.4	53	26.2	R02-16	BKM-10	BKU-3/8
CFS104N-1-1/4	FN-20	420	1-1/4"	41	21	80	58.7	69	30.2	R02-20	BKM-10	BKU-7/16
CFS106N-1-1/2	FN-24	420	1-1/2"	44	25	94	69.9	77	35.7	R02-24	BKM-12	BKU-1/2
CFS108N-2	FN-32	420	2"	45	25	103	77.8	89	42.9	R02-32	BKM-12	BKU-1.2
CFS110N-2-1/2	FN-40	420	2-1/2"	50	25	115	88.9	101	50.8	R02-40	BKM-12	BKUH-1/2

*3", 3-1/2", 4" & 5" sizes available on request

JIC Male - Code 61 & 62



Straight Flange To Male JIC

Part #	Series 61 WP (bar)	SAE	A Thread	B mm	C mm	D mm	E mm	F mm	O-Ring	Bolt Kit mm	Bolt Kit Imperial
JIC-080-A	348	1/2"	3/4"-16*	38.1	17.5	41	16	9	R02-08	BKM-08	BKU-5/16
JIC-080-B			7/8"-14			41					
JIC-080-C			1-1/16"-12*			46					
JIC-100-A	348	3/4"	7/8"-14*	47.6	22.3	47	18	11	R02-12	BKM-10	BKU-3/8
JIC-100-B			1-1/16"-12			49					
JIC-100-C			1-5/16"-12*			50					
JIC-102-A	348	1"	1-1/16"-12*	52.4	26.2	51	18	11	R02-16	BKM-10	BKU-3/8
JIC-102-B			1-5/16"-12			52					
JIC-102-C			1-5/8"-12*			54					
JIC-104-A	278	1-1/4"	1-5/16"-12*	58.7	30.2	56	21	11.5	R02-20	BKM-10	BKU-7/16
JIC-104-B			1-5/8"-12			58					
JIC-104-C			1-7/8"-12*			61					
JIC-106-A	210	1-1/2"	1-5/8"-12*	69.9	35.7	64	24	13.5	R02-24	BKM-12	BKU-1/2
JIC-106-B			1-7/8"-12			67					

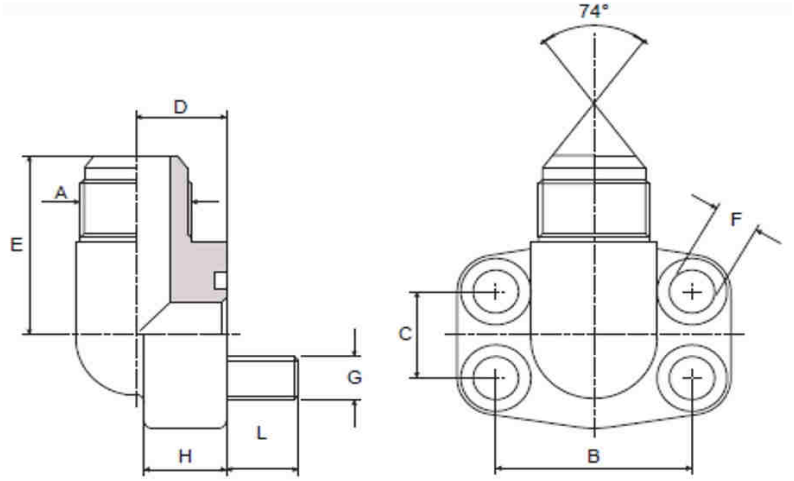
Straight Flange to Male JIC

Part #	Series 62 WP (bar)	SAE	A Thread	B mm	C mm	D mm	E mm	F mm	O-Ring	Bolt Kit mm	Bolt Kit Imperial
JIC-402-A	420	3/4"	7/8"-14*	50.8	23.8	49	18	11	R02-12	BKMH-10	BKUH-3/8
JIC-402-B			1-1/16"-12			51					
JIC-402-C			1-5/16"-12*			52					
JIC-403-A	420	1"	1-1/16"-12*	57.2	27.8	58	18	13	R02-16	BKMH-12	BKUH-7/16
JIC-403-B			1-5/16"-12			59					
JIC-403-C			1-5/8"-12*			61					
JIC-404-A	420	1-1/4"	1-5/16"-12*	66.6	31.8	64	24	15	R02-20	BKM-14	BKUH-1/2
JIC-404-B			1-5/8"-12			66					
JIC-404-C			1-7/8"-12*			69					
JIC-405-A	420	1-1/2"	1-5/8"-12*	79.3	36.5	70	27	17	R02-24	BKM-16	BKU-5/8
JIC-405-B			1-7/8"-12			73					

*Non-stock - Jump sizes available on request

*Available on Request - Minimum Order Quantities May Apply

90° JIC Male - Code 61 & 62



Straight Flange To Male JIC 90°

Part #	Series 61 WP (bar)	SAE	A Thread	B mm	C mm	D mm	F mm	H mm	O-Ring	Bolt Kit mm	Bolt Kit Imperial
JIC-300-90-A	348	1/2"	3/4"-16*	38.1	17.5	17	9	16	R02-08	BKM-08	BKU-5/16
JIC-300-90-B			7/8"-14			17					
JIC-300-90-C			1-1/16"-12*			20					
JIC-301-90-A	348	3/4"	7/8"-14*	47.6	22.3	20	11	18	R02-12	BKM-10	BKU-3/8
JIC-301-90-B			1-1/16"-12			20					
JIC-301-90-C			1-5/16"-12*			25					
JIC-302-90-A	348	1"	1-1/16"-12*	52.4	26.2	20	11	19	R02-16	BKM-10	BKU-3/8
JIC-302-90-B			1-5/16"-12			25		24			
JIC-304-90-A	278	1-1/4"	1-5/16"-12*	58.7	30.2	25	11.5	22	R02-20	BKM-10	BKU-7/16
JIC-304-90-B			1-5/8"-12			31					
JIC-304-90-C			1-7/8"-12*			37					
JIC-306-90-A	210	1-1/2"	1-5/8"-12*	69.9	35.7	31	13.5	25	R02-24	BKM-12	BKU-1/2
JIC-306-90-B			1-7/8"-12			37					

Straight Flange to Male JIC 90°

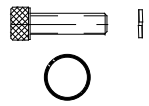
Part #	Series 62 WP (bar)	SAE	A Thread	B mm	C mm	D mm	F mm	H mm	O-Ring	Bolt Kit mm	Bolt Kit Imperial
JIC-601-90-A	420	3/4"	7/8"-14*	50.8	23.8	20	11	19	R02-12	BKMH-10	BKUH-3/8
JIC-601-90-B			1-1/16"-12			20					
JIC-601-90-C			1-5/16"-12*			25					
JIC-602-90-A	420	1"	1-1/16"-12*	57.2	27.8	25	13	24	R02-16	BKMH-12	BKUH-7/16
JIC-602-90-B			1-5/16"-12			25					
JIC-602-90-C			1-5/8"-12*			31					
JIC-604-90-A	420	1-1/4"	1-5/16"-12*	66.6	31.8	31	15	25	R02-20	BKM-14	BKUH-1/2
JIC-604-90-B			1-5/8"-12			31					
JIC-604-90-C			1-7/8"-12*			37					
JIC-606-90-A	420	1-1/2"	1-5/8"-12*	79.3	36.5	37	17	26	R02-24	BKM-16	BKU-5/8
JIC-606-90-B			1-7/8"-12			37					

*Non-stock - Jump sizes available on request

Section 5
Accessories

BOLT KIT
UNC
includes four cap screws
four spring washers
one 90 Duro 'O' Ring

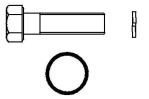
Suits split or solid type



P/Number	Thread
BKU-5/16CAP	5/16 x 18tpi
BKU-3/8CAP	3/8 x 16tpi
BKU-7/16CAP	7/16 x 14tpi
BKU-1/2CAP	1/2 x 13tpi
BKU-5/8CAP	5/8 x 11tpi
BKU-3/4CAP	3/4 x 10tpi
BKUH-3/8CAP	3/8 x 16tpi
BKUH-7/16CAP	7/16 x 14tpi
BKUH-1/2CAP	1/2 x 13tpi

BOLT KIT
UNC
includes four hex head bolts
four spring washers
one 90 Duro 'O' Ring

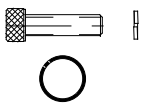
Suits split type only



P/Number	Thread
BKU-5/16HEX	5/16 x 18tpi
BKU-3/8HEX	3/8 x 16tpi
BKU-7/16HEX	7/16 x 14tpi
BKU-1/2HEX	1/2 x 13tpi
BKU-5/8HEX	5/8 x 11tpi
BKU-3/4HEX	3/4 x 10tpi
BKUH-3/8HEX	3/8 x 16tpi
BKUH-7/16HEX	7/16 x 14tpi
BKUH-1/2HEX	1/2 x 13tpi

BOLT KIT
METRIC
includes four cap screws
four spring washers
one 90 Duro 'O' Ring

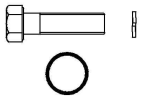
Suits split or solid type



P/Number	Thread
BKM-08CAP	M8 x 1.25
BKM-10CAP	M10 x 1.5
BKM-12CAP	M12 x 1.75
BKM-14CAP	M14 x 2
BKM-16CAP	M16 x 2
BKM-20CAP	M20 x 2.5
BKMH-10CAP	M10 x 1.5
BKMH-12CAP	M12 x 1.75
BKMH-16CAP	M16 x 2

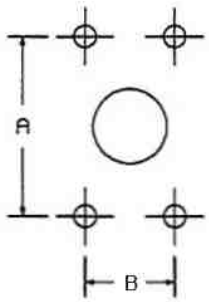
BOLT KIT
METRIC
includes four hex head bolts
four spring washers
one 90 Duro 'O' Ring

Suits split type only



P/Number	Thread
BKM-08HEX	M8 x 1.25
BKM-10HEX	M10 x 1.5
BKM-12HEX	M12 x 1.75
BKM-14HEX	M14 x 2
BKM-16HEX	M16 x 2
BKM-20HEX	M20 x 2.5
BKMH-10HEX	M10 x 1.5
BKMH-12HEX	M12 x 1.75
BHMH-16HEX	M16 x 2

FLANGE BOLT CENTRES



Code 61				
Dash Size	Inch-Size	A	B	M.W. P. psi
-08	1/2"	38.1	17.5	5000
-12	3/4"	47.6	22.3	5000
-16	1"	52.4	26.2	5000
-20	1-1/4"	58.7	30.2	4000
-24	1-1/2"	69.8	35.7	3000
-32	2"	77.8	42.9	3000
-40	2-1/2"	88.9	50.8	2500
-48	3"	106.4	61.9	2000

Code 62				
Dash Size	Inch-Size	A	B	M.W. P. psi
-08	1/2"	40.5	18.2	6000
-12	3/4"	50.8	23.8	6000
-16	1"	57.1	27.8	6000
-20	1-1/4"	66.7	31.8	6000
-24	1-1/2"	79.4	36.5	6000
-32	2"	96.8	44.5	6000

NB: Choose cap screws only for solid flange blocks

*Available on Request - Minimum Order Quantities May Apply

S Series/Inline High Pressure Hydraulic Swivel Joints

Simplified plumbing, longer hose life, less down time, increased reliability and money saving.
Designed for low-speed rotation. Working pressure 3,000psi.

MALE JIC TO MALE NPT

Part No.	Barrel Thread JIC	Stem Thread NPT	Seal Kit
S6J6-P4	9/16-18	1/4"	S6-1
S8J10-P8	7/8-14	1/2"	S8-1
S8J12-P12	1 1/16-12	3/4"	S8-1
S16J16-P16	1 5/16-12	1"	S16-1
*S20J20-P20	1 5/8-12	1 1/4"	S20-1



MALE JIC TO FEMALE JIC

Part No.	Barrel Thread JIC	Stem Thread JIC	Seal Kit
S6J6-JF6	9/16-18	9/16-18	S6-1
S6J8-JF8	3/4-16	3/4-16	S6-1
S8J10-JF10	7/8-14	7/8-14	S8-1
S8J12-JF12	1 1/16-12	1 1/16-12	S8-1
S16J16-JF16	1 5/16-12	1 5/16-12	S16-1
S20J20-JF20	1 5/8-12	1 5/8-12	S20-1
*S24J24-JF24	1 7/8-12	1 7/8-12	S24-1



FEMALE NPT TO MALE NPT

Part No.	Barrel Thread NPT	Stem Thread NPT	Seal Kit
S6PF4-P4	1/4"	1/4"	S6-1
S6PF6-P6	3/8"	3/8"	S6-1
S8PF8-P8	1/2"	1/2"	S8-1
S8PF8-P12	1/2"	3/4"	S8-1
S8PF12-P12	3/4"	3/4"	S8-1
S16PF16-P16	1"	1"	S16-1



FEMALE NPT TO FEMALE NPT

Part No.	Barrel Thread NPT	Stem Thread NPT	Seal Kit
S6PF4-PF4	1/4"	1/4"	S6-1
S6PF6-PF6	3/8"	3/8"	S6-1
S8PF8-PF8	1/2"	1/2"	S8-1
S8PF12-PF12	3/4"	3/4"	S8-1
S16PF16-PF16	1"	1"	S16-1



*Available on Request - Minimum Order Quantities May Apply

S Series/Inline High Pressure Hydraulic Swivel Joints

Simplified plumbing, longer hose life, less down time, increased reliability and money saving.
Designed for low-speed rotation. Working pressure 3,000psi.

MALE JIC TO MALE JIC

Part No.	Barrel Thread JIC	Stem Thread JIC	Seal Kit
9S6J6-J6	9/16-18	9/16-18	9S6-1
9S6J8-J8	3/4-16	3/4-16	9S6-1
9S8J10-J10	7/8-14	7/8-14	9S8-1
9S12J12-J12	1 1/16-12	1 1/16-12	9S12-1
9S16J16-J16	1 5/16-12	1 5/16-12	9S16-1
9S20J20-J20	1 5/8-12	1 5/8-12	9S20-1



MALE JIC TO MALE NPT

Part No.	Barrel Thread JIC	Stem Thread NPT	Seal Kit
9S6J6-P6	9/16-18	3/8"	9S6-1
9S6J8-P6	3/4-16	3/8"	9S6-1
9S8J8-P8	3/4-16	1/2"	9S8-1
9S8J10-P8	7/8-14	1/2"	9S8-1
9S12J12-P12	1 1/16-12	3/4"	9S12-1
9S16J16-P16	1 5/16-12	1"	9S16-1
9S20J20-P20	1 5/8-12	1 1/4"	9S20-1



MALE JIC TO FEMALE NPT

Part No.	Barrel Thread JIC	Stem Thread NPT	Seal Kit
9S6J6-PF6	9/16-18	3/8"	9S6-1
9S6J8-PF6	3/4-16	3/8"	9S6-1
9S8J8-PF8	3/4-16	1/2"	9S8-1
9S8J10-PF8	7/8-14	1/2"	9S8-1
9S12J12-PF12	1 1/16-12	3/4"	9S12-1
9S16J16-PF16	1 5/16-12	1"	9S16-1



MALE JIC TO MALE O'RING

Part No.	Barrel Thread JIC	Stem Thread UNO	Seal Kit
9S6J6-O6	9/16-18	9/16-18	9S6-1
9S6J6-O8	9/16-18	3/4-16	9S6-1
9S6J8-O8	3/4-16	3/4-16	9S6-1
9S8J10-O10	7/8-14	7/8-14	9S8-1
9S12J12-O12	1 1/16-12	1 1/16-12	9S12-1
9S16J16-O16	1 5/16-12	1 5/16-12	9S16-1
9S20J20-O20	1 5/8-12	1 5/8-12	9S20-1



*Available on Request - Minimum Order Quantities May Apply

S Series/Inline High Pressure Hydraulic Swivel Joints

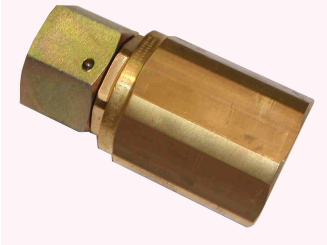
Simplified plumbing, longer hose life, less down time, increased reliability and money saving.
Designed for low-speed rotation. Working pressure 3,000psi.

FEMALE NPT TO MALE NPT

Part No.	Barrel Thread NPT	Stem Thread NPT	Seal Kit
9S6PU4-P4	1/4"	1/4"	9S6-1
9S6PU6-P6	3/8"	3/8"	9S6-1
9S8PU8-P8	1/2"	1/2"	9S8-1
9S12PU12-P12	3/4"	3/4"	9S12-1
9S16PU16-P16	1"	1"	9S16-1
9S20PU20-P20	1 1/4"	1 1/4"	9S20-1



TEMA SWIVEL JOINTS



Part No.	Port G BSPP	Port G1 BSPP	L	OD	HEX 1	HEX 2	A	MWP bar	Weight kg
250	1/4"	3/8"	53	23	22	18	12	250	0.105
500	1/2"	3/4"	71	34	32	25	16	250	0.250
750	3/4"	1"	80	43	40	32	20	250	0.460
1000	1"	1 1/4"	86	53	50	38	22	250	0.700

The Tema Swivel Joint has very low torque even at max. working pressure, due to a balanced spindle seal.
The Tema Swivel Joint has been shocked tested under pressure from 0-250 bar

*Available on Request - Minimum Order Quantities May Apply

MTC Rotary Couplings

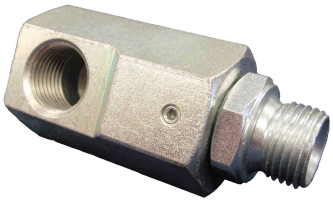
Rotary couplings are used to connect two hydraulic lines that are moving simultaniously in different directions. Rotations can either be alternating or continuous.
These couplings rotate on roller bearings and provide a perfect seal via special low friction seals. They can rotate under maximum pressure with low torque.

Part No.	Barrel BSPP-F	Stem BSPP-M	Speed RPM	M.W.P. bar	Max. Flow l/min
GGIL01	1/4"	1/4"	500	400	25
GGIL02	3/8"	3/8"	400	400	45
GGIL03	1/2"	1/2"	370	360	80
GGIL04	3/4"	3/4"	280	310	120
GGIL05	1"	1"	230	280	150
GGIL06	1-1/4"	1-1/4"	200	250	200
GGIL07	1-1/2"	1-1/2"	170	210	250
GGIL09	2"	2"	140	180	300



Inline Coupling

Part No.	Barrel BSPP-F	Stem BSPP-M	Speed RPM	M.W.P. bar	Max. Flow l/min
GG9001	1/4"	1/4"	500	400	25
GG9002	3/8"	3/8"	400	400	45
GG9003	1/2"	1/2"	370	360	80
GG9004	3/4"	3/4"	280	310	120
GG9005	1"	1"	230	280	150
GG9006	1-1/4"	1-1/4"	200	250	200
GG9007	1-1/2"	1-1/2"	170	210	250
GG9009	2"	2"	140	180	300



90° Coupling

NB: When required - order separately a dowty seal to suit the BSPP threads (eg R04B-08).
Ref page 4.42 of this catalogue

*Available on Request - Minimum Order Quantities May Apply

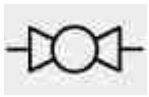
BALL VALVES

GE-2 Series

with Mounting Holes



GE-2



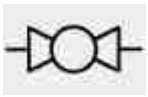
2 PORT MODELS

Cardon Steel Part No.	PORTS BSPP	M.W.P bar	BORE mm	Stainless Steel Part No.
GE-2-1/8	1/8"	500	4	-
GE-2-1/4	1/4"	500	6	GE-2-1/4-SS
GE-2-3/8	3/8"	500	10	GE-2-3/8-SS
GE-2-1/2	1/2"	500	13	GE-2-1/2-SS
GE-2-3/4	3/4"	400	20	GE-2-3/4-SS
GE-2-1	1"	350	25	GE-2-1-SS
GE-2-1-1/4R	1 1/4"	350	25	-

GM-2 Series



GM-2

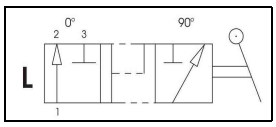


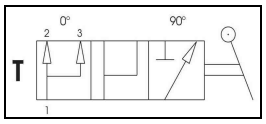
2 PORT MODELS

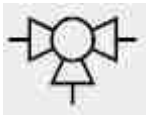
Carbon Steel Part No.	PORTS BSPP	M.W.P. bar	BORE mm
GM-2-1-1/4	1-1/4"	350	32
GM-2-1-1/2	1-1/2"	350	40
GM-2-2	2"	350	50

GE-3 Series

with Mounting Holes







3 PORT MODELS
Carbon Steel

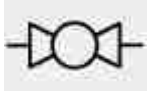


GE-3

L Type Part No.	PORTS BSPP	M.W.P bar	BORE mm	T TyPE Part No.
GE-3-1/4-L	1/4"	400	6	GE-3-1/4-T
GE-3-3/8-L	3/8"	400	10	GE-3-3/8-T
GE-3-1/2-L	1/2"	350	13	GE-3-1/2-T
GE-3-3/4-L	3/4"	350	20	GE-3-3/4-T
GE-3-1-L	1"	350	25	GE-3-1-T
GE-3-1-1/4R-L	1-1/4"	350	25	GE-3-1-1/4R-T

VBB Series

Low pressure ball valves suitable for use on suction lines





Standard

Part No.	PORTS BSPP	M.W.P. bar
VBB08	1/4"	25
VBB10	3/8"	25
VBB15	1/2"	25
VBB20	3/4"	25
VBB25	1"	25
VBB32	1 1/4"	25
VBB40	1 1/2"	25
VBB50	2"	25
VBB65	2 1/2"	25
VBB80	3"	25

Lockable

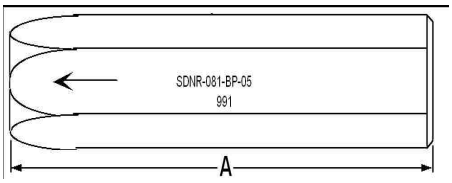
Part No.	PORTS BSPP	M.W.P. bar
VBBD15L	1/2"	25
VBBD20L	3/4"	25
VBBD25L	1"	25
VBBD32L	1 1/4"	25
VBBD40L	1 1/2"	25
VBBD50L	2"	25

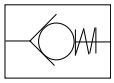
*Available on Request - Minimum Order Quantities May Apply

Section 5
Accessories

CHECK VALVES

SDNR Series







Part No.	Thread	Rated Flow Delta P at 2 BAR		Max. Pressure.		Cracking Pressure **		Dimensions	
	BSPP	L/Min	US gpm	BAR	psi	05	65	A	HEX
SDNR-041-BP-**	1/4”	13	3.5	415	6160	5 (PSI) (.34 BAR)	65 (PSI) (4.4 BAR)	66.7	22.2
SDNR-061-BP-**	3/8”	25	6.5	300	4350			79.4	24.0
SDNR-081-BP-**	1/2”	60	16	300	4350			98.4	28.5
SDNR-121-BP-**	3/4”	120	32	250	3625			104.0	38.1
SDNR-161-BP-**	1”	200	54	245	3550			127.0	47.6
SDNR-201-BP-**	1 1/4”	300	80	225	3260			152.4	55.0
SDNR-241-BP-**	1 1/2”	400	108	200	2900			175.0	65.0
SDNR-321-BP-**	2”	700	187	130	1880			222.3	75.0

NB: Replace ** in part number with cracking pressure

Other cracking pressures available on request

CHECK VALVES

FASTER® Quick-Release Couplings





Part No.	Thread	Rated Flow delta P@2 BAR		Max. Pressure.		Cracking Pressure
	BSPP	L/Min	US GPM	BAR	PSI	
VU-14F-14F	1/4”	30	7.9	415	6160	0.35 BAR (5 PSI)
VU-38F-38F	3/8”	45	11.9	300	4350	
VU-12F-12F	1/2”	68	18	300	4350	
VU-34F-34F	3/4”	162	42.8	250	3625	
VU-1F-1F	1”	315	83.3	245	3552	
VU-114F-114F	1-1/4”	290	76.7	225	3262	
VU-112F-112F	1-1/2”	763	207	200	2900	
VU-2F-2F	2”	760	201	130	1885	

Other spring cracking pressures available on request: suffix C = 14.5psi, L = 65psi, U = 116psi (for sizes 1/2”-1-1/4”).
These check valves are also available in stainless steel.

MICO QUADRIGAGES



PRESSURE TESTING DEVICES

FOR HYDRAULIC, AIR AND VACUUM SYSTEMS

* Includes bleeder screw and convenient hanger
* Built-in pressure sensor protects low range gauges from high pressure
* Compatible with most hydraulic fluids
* Continuous system pressure readings are possible through pressure ranges 0-5000 PSI.

Part No.	GAUGE TYPE	HOSE LENGTH (inches)	LOW PRESSURE GAUGE* RANGE(psig)	MEDIUM PRESSURE GAUGE RANGE(psig)	HIGH PRESSURE GAUGE RANGE(psig)
03-740-019	Std.	36	0-150	0-600	0-5000

*Available on Request - Minimum Order Quantities May Apply

Glycerine Filled Dual Scale



Panel Mount
(inc Panel Mt Kit)



Bottom Entry

Digital



Digital

Panel Mount - Rear Entry - Dual Scale			
63mm Diameter - Connection = 1/4" BSPP			
Part No.	Diam	BAR	PSI
PG63PM-010	63	10	150
PG63PM-060	63	60	850
PG63PM-100	63	100	1450
PG63PM-160	63	160	2300
PG63PM-250	63	250	3600
PG63PM-400	63	400	5800
100mm Diameter - Connection = 1/2" BSPP			
PG100PM-010	100	10	150
PG100PM-060	100	60	850
PG100PM-100	100	100	1450
PG100PM-160	100	160	2300
PG100PM-250	100	250	3600
PG100PM-400	100	400	5800

Line Mount - Bottom Entry - Dual Scale			
63mm Diameter - Connection = 1/4"BSPP			
Part No.	Diam	BAR	PSI
PG63BE-010	63	10	150
PG63BE-060	63	60	850
PG63BE-100	63	100	1450
PG63BE-160	63	160	2300
PG63BE-250	63	250	3600
PG63BE-400	63	400	5800
PG63BE-600	63	600	8700
PG63BE-BOOT	PROTECTIVE BOOT		
100mm Diameter - Connection = 1/2" BSPP			
PG100BE-010	100	10	150
PG100BE-060	100	60	850
PG100BE-100	100	100	1450
PG100BE-160	100	160	2300
PG100BE-250	100	250	3600
PG100BE-400	100	400	5800
PG100BE-600	100	600	8700
PG100BE-BOOT	PROTECTIVE BOOT		
Line Mount - Bottom Entry - Digital - 1/4"BSPP			
PG80BE-600	80	600	8700
PG80BE-BOOT	PROTECTIVE BOOT		

Pressure Gauge Isolators

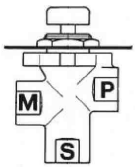
Part No.	PORT BSPP	MAX. PRESSURE BAR	TYPE
EMIL01A	1/4"	250	A 180°
EM9001A	1/4"	250	A 90°
HB1-PA	1/4"	400	Push To Read



EM9001A



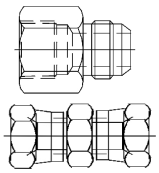
EMIL01A



HB1-PA

Gauge Adaptors

Part No.	THREAD	THREAD
CP20-0407G	1/4"BSPP-F	7/16"JIC-M
CP20-0409G	1/4"BSPP-F	9/16"JIC-M
CP20-0809G	1/2"BSPP-F	9/16"JIC-M
CP28-0409G	1/4"BSPP-F	9/16"JIC-F
CS25-0707	7/16"JIC-F	7/16"JIC-F
R03-04 GAUGE	O-Ring For 1/4" Gauge Adaptor	



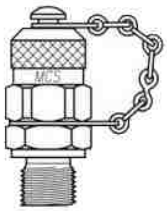
Gauge Protective Boot

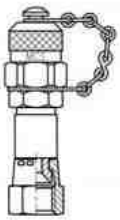
Part No.	Diameter
PG63BE-BOOT	63MM
PG100BE-BOOT	100mm
PG80BE-BOOT	80mm



*Available on Request - Minimum Order Quantities May Apply

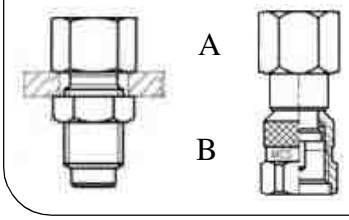
TEST POINTS - M16X2 (Test 20) SERIES





TEST POINT COUPLNG 'A' TYPE M16X2 SERIES		
Part No.	**MALE THREAD**	**M W P BAR**
620.01.202.23	1/8" BSPP	400
620.01.204.23	1/4" BSPP	630
620.01.206.23	3/8"BSPP	630
620.01.202.33	1/8" BSPT	400
620.01.204.33	1/4" BSPT	630
620.01.206.33	3/8"BSPT	630
620.01.302.33	1/8" NPT	400
620.01.304.33	1/4" NPT	630
620.01.404.03	7/16" UNO	630
620.01.406.03	9/16" UNO	630
620.01.010.23	M10x1	400
620.01.012.23	M12x1.5	630
620.01.014.23	M14x1.5	630
620.01.016.23	M16x1.5	630
Part No.	**FEMALE THREAD**	**M W P BAR**
620.07.204.83	1/4"BSPP-F	630
620.05.404.03	7/16"JIC-F	345
620.05.406.03	9/16"JIC-F	345
620.05.408.03	3/4"JIC-F	345

Style 1 Style 2



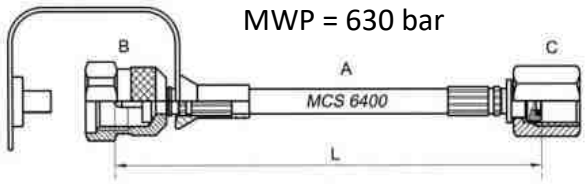
TEST POINT TO GAUGE ADAPTORS

Part No.	Style	THREAD A	THREAD B	M.W.P. (BAR)
620.08.204.00.1	1	1/4" BSPP-F	M16 X 2 (M-B/HD)	630
620.08.208.00.1	1	1/2" BSPP-F	M16 X 2 (M-B/HD)	630
620.09.204.00.1	2	1/4" BSPP-F	M16 X 2 (F)	630
620.09.208.00.1	2	1/2" BSPP-F	M16 X 2 (F)	630

TEST POINT HOSES 2mm ID

64 - 10.162 - 50.204 - 200
A B C L

MWP = 630 bar



HOSE ASSEMBLIES 630BAR MWP
Part No. (includes length in mm)
64-10.162-50.204-200
64-10.162-50.204-300
64-10.162-50.204-400
64-10.162-50.204-500
64-10.162-50.204-600
64-10.162-50.204-800
64-10.162-50.204-1000
64-10.162-50.204-1500
64-10.162-50.204-2000
64-10.162-50.204-2500
64-10.162-50.204-3000

NB: Use the highlighted part of the coupling Part No. in the hose assembly Part No.

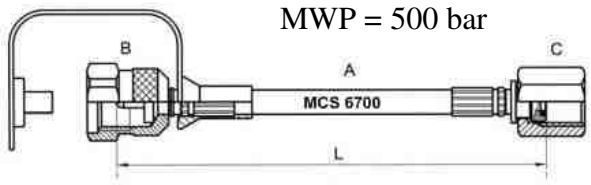
HOSE & COUPLING OPTIONS	
Part No.	**THREAD**
6400	DN2 Hose 2mm ID
00.002	Ferrule
801.**10.162**.00	M16X2 (Test 20)
801.**60.204**.00	1/4"BSPP-F (60° Seat)
801.**50.204**.00	1/4" BSPP-F(gauge)
801.**54.204**.00	1/4"BSPP-F-90°(gauge)
801.**50.208**.00	1/2" BSPP-F (gauge)
801.**60.404**.00	7/16" JIC-F
801.**60.406**.00	9/16" JIC-F

NB: The listed hose assemblies have the 10.162 coupling at one end, and the 50.204 coupling at the other. For other options delete the listed codes from the model number and add the code for the desired thread type.
Use an add & subtract to the list price for pricing.

*Available on Request - Minimum Order Quantities May Apply

TEST POINT HOSES 4mm ID

67 - 10.162 - 60.204 - 200
A B C L



HOSE & COUPLING OPTIONS	
Part No.	**THREAD**
6700	DN4 Hose 4mm ID
00.004	Ferrule
804.**10.162**.00	M16X2 (Test 20)
804.**60.204**.00	1/4" BSPP-F (60° Seat)
804.**50.204**.00	1/4" BSPP-F(gauge)
804.**80.302**.00	1/8"NPT-Male
804.**60.404**.00	7/16" JIC-F
804.**60.406**.00	9/16" JIC-F

NB: Use the highlighted part of the coupling Part No. in the hose assembly Part No.

TEST POINT TEES

Southcott test point tees provide a convenient method of taking pressure readings from any point in a hydraulic system. Compact in size, they can be fitted as a temporary or permanent installation at a cost-effective price.

JIC			
Part No.	**Male Thread**	**Female Thread**	**Test Point Thread**
C27G-070707	7/16" JIC-M	7/16" JIC-F	7/16" UNO-F
C27G-090907	9/16" JIC-M	9/16" JIC-F	7/16" UNO-F
C27G-121207	3/4" JIC-M	3/4" JIC-F	7/16" UNO-F
C27G-141407	7/8" JIC-M	7/8" JIC-F	7/16" UNO-F
C27G-171707	1-1/16" JIC-M	1-1/16" JIC-F	7/16" UNO-F
C27G-212107	1-5/16" JIC-M	1-5/16" JIC-F	7/16" UNO-F
C27G-262607	1-5/8" JIC-M	1-5/8" JIC-F	7/16" UNO-F

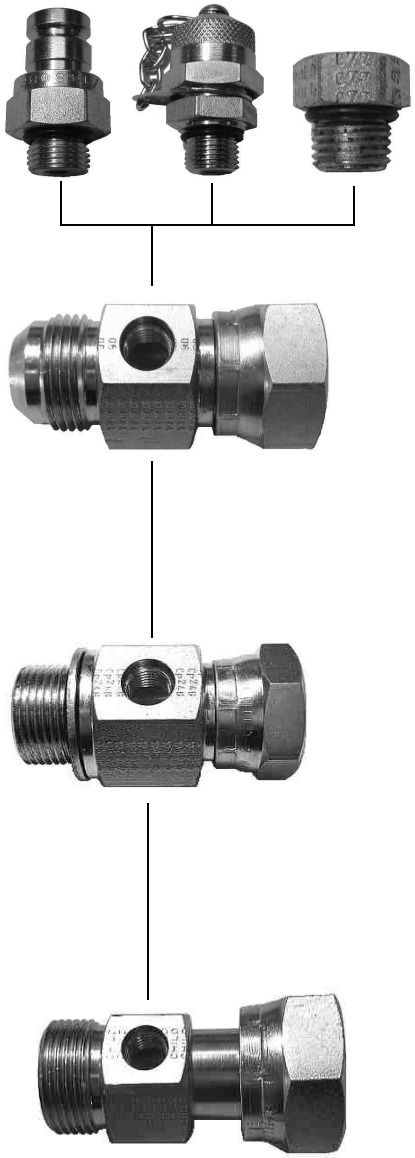
BSPP			
Part No.	**Male Thread**	**Female Thread**	**Test Point Thread**
CP24G-040407	1/4" BSPP-M	1/4" BSPP-F	7/16" UNO-F
CP24G-060607	3/8" BSPP-M	3/8" BSPP-F	7/16" UNO-F
CP24G-080807	1/2" BSPP-M	1/2" BSPP-F	7/16" UNO-F
CP24G-121207	3/4" BSPP-M	3/4" BSPP-F	7/16" UNO-F
CP24G-161607	1" BSPP-M	1" BSPP-F	7/16" UNO-F
CP24G-202007	1-1/4" BSPP-M	1-1/4" BSPP-F	7/16" UNO-F

ORFS			
Part No.	**Male Thread**	**Female Thread**	**Test Point Thread**
F27G-111107	11/16" UNF-M	11/16" UNF-F	7/16" UNO-F
F27G-131307	13/16" UNF-M	13/16" UNF-F	7/16" UNO-F
F27G-161607	1" UNF-M	1" UNF-F	7/16" UNO-F
F27G-191907	1-3/16" UNF-M	1-3/16" UNF-F	7/16" UNO-F
F27G-232307	1-7/16" UNF-M	1-7/16" UNF-F	7/16" UNO-F
F27G-272707	1-11/16" UNF-M	1-11/16" UNF-F	7/16" UNO-F

USA Test Point DF04-1/14SAE-M

European Test Point Test 20 620.01.404.03

Port Plug C77-07



*Available on Request - Minimum Order Quantities May Apply

HYDRAULIC TUBE



Cold Drawn Seamless Tube - Annealed ASTM A179
6.0m Lengths
Supplied in Full Lengths Only.
Other Sizes and Gauges are Available on Request

SIZE	WORKING PRESSURE WITH 3:1 SAFTY FACTOR		Wall Dim.	WEIGHT PER Length	UNPLATED Per 6m Length	ZINC PLATED Per 6m Length
OD(Inches) x GAUGE	BAR	PSI	mm	Kg	Part No	Part No
1/4" x 20g x 6.0m	311	4512	0.91	0.73	**T0420**	**T0420P**
3/8" x 16g x 6.0m	369	5348	1.63	1.94	**T0616**	**T0616P**
3/8" X 18g x 6.0m	277	4011	1.22	1.53	**T0618**	**T0618P**
1/2" x 16g x 6.0m	277	4011	1.63	2.75	**T0816**	**T0816P**
1/2" x 18g x 6.0m	207	3008	1.22	2.10	**T0818**	**T0818P**
5/8" x 14g x 6.0m	277	4011	2.03	4.23	**T1014**	**T1014P**
5/8" x 16g x 6.0m	221	3209	1.63	3.48	**T1016**	**T1016P**
3/4" x 12g x 6.0m	299	4342	2.64	6.51	**T1212**	**T1212P**
3/4" x 14g x 6.0m	230	3342	2.03	5.19	**T1214**	**T1214P**
3/4" x 16g x 6.0m	184	2674	1.63	4.27	**T1216**	**T1216P**
1" x 10g x 6.0m	277	4011	3.25	10.83	**T1610**	**T1610P**
1" x 12g x 6.0m	236	3415	2.77	9.04	**T1612**	**T1612P**
1" x 14g x 6.0m	173	2507	2.03	7.14	**T1614**	**T1614P**
1" x 16g x 6.0m	138	2005	1.63	5.83	**T1616**	**T1616P**
1.1/4" x 10g x 6.0m	221	3209	3.25	13.93	**T2010**	**T2010P**
1.1/2" x 10g x 6.0m	184	2674	3.25	17.02	**T2410**	**T2410P**
2" x 7g x 6.0m	190	2757	4.47	31.17	**T3207**	**N/A**

NB: Pricing per 6.0m length.

NB: The above working pressure rating is based on "BARLOWS" Formula

P = 2ST/D Where P = Burst Pressure (PSI)
S = UTS (47000)
T = Wall Thickness (inches)
D = O.D. of tube (inches)

*Available on Request - Minimum Order Quantities May Apply

FLARELESS

TUBE COMPRESSION FITTINGS



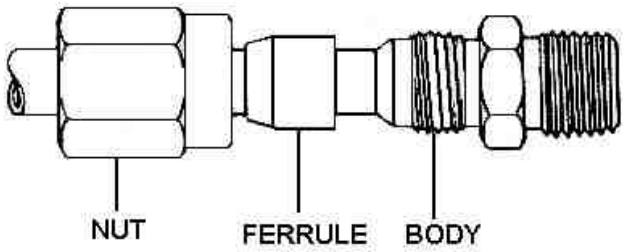
Assembly Instructions

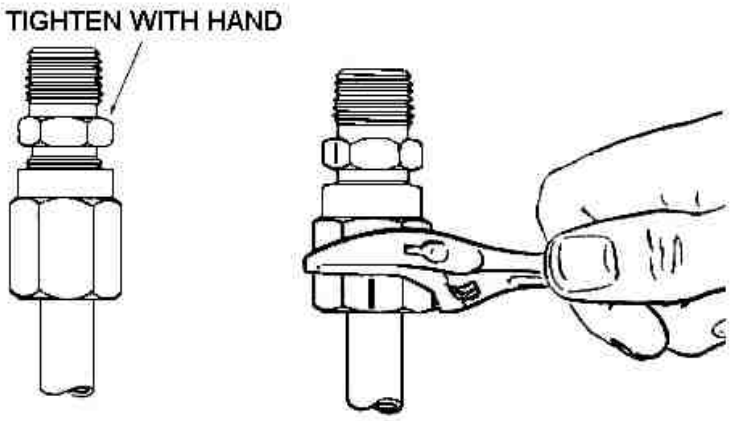
INITIAL ASSEMBLY

1. Cut the tube squarely and deburr the end internally and externally. Clean all dirt and grit from I.D. and O.D.
2. Slide the nut and then the sleeve on to the tube. Make sure the tapered end of the sleeve points toward the nut.
3. **Lubricate all mating surfaces of nut, sleeve and body with heavy lubricant.**
4. Place end of tube against standard J.I.C. 37 Degree flare body.
5. Slide the sleeve and nut against body and tighten the nut onto the body "hand Tight". Mark the nut in relation to the body for location.
6. Hold tube against body and tighten nut total of 1-1/4 turns for sizes 1/4" to 5/8"
and 1-1/2 turns for sizes 3/4" to 1-1/4"

REASSEMBLY

1. Slide nut against the body and tighten to "Hand Tight". Mark the nut for location.
2. Tighten nut a minimum of one "Hex" flat. The Versa flare Flareless Tube fitting is designed for 10 reassemblies.





TUBE O.D.	JIC THREAD	NUT	SLEEVE
1/4"	7/16"	**VN-04**	**VS-04**
3/8"	9/16"	**VN-06**	**VS-06**
1/2"	3/4"	**VN-08**	**VS-08**
5/8"	7/8"	**VN-10**	**VS-10**
3/4"	1 1/16"	**VN-12**	**VS-12**
1"	1 5/16"	**VN-16**	**VS-16**
1 1/4"	1 5/8"	**VN-20**	**VS-20**

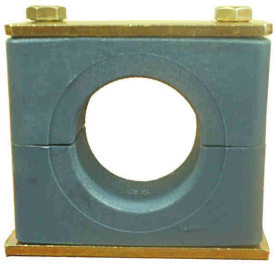
*Available on Request - Minimum Order Quantities May Apply

POLYPROPYLENE CLAMPS

Standard Duty
Two Cap Screws & Washer
Type C2 - C7



Medium Duty
Top Plate and Hex Bolts
Type C2 - C7



GROUP	SIZE - OD			Jaws Only Part No.	Std. Duty Complete Part o.	Med. Duty Complete Part No.
	mm	Inches	Water Pipe			
C2	6	1/4"	1/8"GAS 1/4"GAS	C2S-**	C2-**	C2-**-M
	8	5/16"				
	10	3/8"				
	12					
	12.7	1/2"				
C3	14		1/4"GAS 3/8"GAS	C3S-**	C3-**	C3-**-M
	15					
	16	5/8"				
	18					
C4	19	3/4"	1/2"GAS	C4S-**	C4-**	C4-**-M
	20					
	22	7/8"				
	23					
	25	1"				
C5	28		3/4"GAS	C5S-**	C5-**	C5-**-M
	30					
	32	1-1/4"				
C6	35		1"GAS	C6S-**	C6-**	C6-**-M
	38	1-1/2"				
	40					
	42		1-1/4"GAS			
	45					
C7	44.5	1 3/4"		C7S-**	C7-**	C7-**-M
	48.3		1 1/2"GAS			
	50.8	2"				

NB: To complete the model code, replace ** with the Size, i.e. 5/8" = 5/8

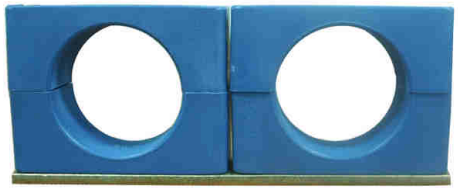
*Available on Request - Minimum Order Quantities May Apply

CLAMP COMPONENTS

SIZE ->	C2	C3	C4	C5	C6	C7
DESCRIPTION	**Part No**	**Part No**	**Part No**	**Part No**	**Part No**	**Part No**
Top Plate	PS2	PS3	PS4	PS5	PS6	PS7
Base Plate	P2	P3	P4	P5	P6	P7
Ext Base Plate	PL2	PL3	PL4	PL5	PL6	PL7
Cap Screw	S-C1/C2	S-C3	S-C4	S-C5	S-C6	S-C7
Washer	W	W	W	W	W	W
Hex Bolt	VE1/2	VE3	VE4	VE5	VE6	VE7
Stacking Bolt	VA1/2	VA3	VA4	VA5	VA6	VA7

TRACK MOUNT	
Part No	**Description**
BB	Track
DF6	NUT
DF8	NUT

DOUBLE PLATE			MULTIPLE PLATE		
Part No	**Suit Clamp Type**	**No. Clamp**	**Part No**	**Suit Clamp Type**	**No. Clamp**
PD1	C1	2	**PM1**	C1	10
PD2	C2	2	**PM2**	C2	10
PD3	C3	2	**PM3**	C3	10
PD4	C4	2	**PM4**	C4	10
PD5	C5	2	**PM5**	C5	5
PD6	C6	2	**PM6**	C6	5
PD7	C7	2	**PM7**	C7	5



PD Double Plate



PM Multiple Plate

C2 - 1/8 - GAS - M - PL

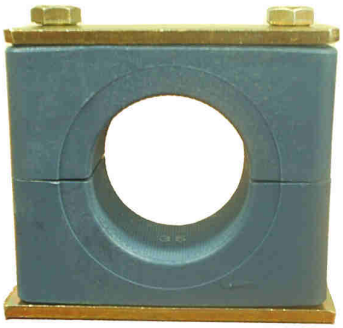
ORDERING CODE

Type
Size
GAS = GAS PIPE
(Omit if not applicable)

EXT. Base Plate
(Omit if not required)
Series
S = Standard Duty
M = Medium Duty

Options:- Twin Base Plates, Multiple Base Plates

*Available on Request - Minimum Order Quantities May Apply



HEAVYWEIGHT SERIES

HEAVYWEIGHT SERIES: in polypropylene or self-extinguishing polyamide for pipes from 6 to 324 mm. for metric sizes, from 1/8" to 12" for gas inch sizes, from 1/4" to 8" for English inch sizes. It's recommended for complicated systems, for high pressure and considerable oil speed. The upper plates are also supplied in this series. High hexagon head bolts VACP are used in the stacked mounting.

CP3 - 1 1/2 - CS

ORDERING CODE

Type
Size
GAS = GAS PIPE
(Omit if not applicable)

Group	Size - OD			Heavy Duty Jaws Only Part No.	Heavy Duty Complete Model
	mm	Inches	Pipe		
CP1		1/4		CP1S-**-CS	CP1-**-CS
		3/8	1/8"GAS		
		1/2	1/4"GAS		
		5/8	3/8"GAS		
		3/4			
CP2	20	3/4		CP2S-**-CS	CP2-**-CS
	22	7/8	1/2"GAS		
	25	1	3/4"GAS		
	28				
	30				
CP3	30	1 1/4 1 1/2		CP3S-**-CS	CP3-**-CS
	32		1"GAS		
	42		1-1/4"GAS		
	45				
CP4	42	2"		CP4S-**-CS	CP4-**-CS
	45		1"GAS		
	53		1-1/4"GAS		
	54		1-1/2"GAS		
	63		2"GAS		
	65				

NB: TO COMPLETE THE model Code Replace ** with the Size, i.e. 7/8" = 7/8

Component Pricing

SIZE ->	CP1	CP2	CP3	CP4
Description	Part No	Part No	Part No	Part No
Top Plate	TP-CP1-CS	TP-CP2-CS	TP-CP3-CS	TP-CP4-CS
Base Plate	BP-CP1-CS	BP-CP2-CS	BP-CP3-CS	BP-CP4-CS
Hex Bolt	S-CP1-CS	S-CP2-CS	S-CP3-CS	S-CP4-CS
Stacking Bolt	VA-CP1	VA-CP2	VA-CP3	VA-CP4

*Available on Request - Minimum Order Quantities May Apply

CF SERIES



CF3 - 1/2 - 1/2 - GAS

ORDERING CODE

Type
Size
GAS = GAS PIPE
(Omit if not applicable)

GROUP	SIZE - OD			TWIN CLAMP JAWS ONLY Part No.	TWIN CLAMP COMPLETE Part No.
	MM	Inches	Pipe		
CF1	6-6	1/4" - 1/4"		CF1S-**-**	CF1-**-**
	8-8	3/8" - 3/8"			
	10-10	1/2" - 1/2"			
	12-12				
CF2	14-14	1/2 - 1/2		CF2S-**-**	CF2-**-**
	15-15	5/8 - 5/8	1/4-1/4GAS		
	16-16		3/8-3/8GAS		
	18-18				
CF3	20-20	3/4" - 3/4"		CF3S-**-**	CF3-**-**
	22-22	1" - 1"	1/2-1/2GAS		
	25-25				
CF4	26-26			CF4S-**-**	CF4-**-**
	28-28		3/4-3/4GAS		
	30-30				
CF5	33-33	1 1/4" - 1 1/4"		CF5S-**-**	CF5-**-**
	35-35	1 1/2" - 1 1/2"	1-1GAS		
	38-38		1-1/4-1-1/4GAS		
	42-42				

NB:To Complete The Model Code Replace **-** With the Size,ie 3/8"-3/8"=3/8-3/8

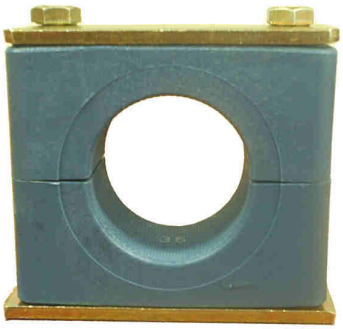
Component Pricing

SIZE ->	CF1	CF2	CF3	CF4	CF5
DESCRIPTION	**Part No**	**Part No**	**Part No**	**Part No**	**Part No**
TOP PLATE	TP-CF1	TP-CF2	TP-CF3	TP-CF4	TP-CF5
BASE PLATE	BP-CF1	BP-CF2	BP-CF3	BP-CF4	BP-CF5
HEX BOLT	S-CF1	S-CF2	S-CF3	S-CF4	S-CF5
STACKING BOLT	VA-CF1	VA-CF2	VA-CF3	VA-CF4	VA-CF5

*Available on Request - Minimum Order Quantities May Apply

PIPE CLAMP SELECTION CHART

TO SUIT HYDRAULIC HOSE





Clamp is nearest possible to hose OD

Pipe Clamp Selection Chart

Standard/Medium Single

Hose ID inch	Hose OD mm	G1	Hose OD mm	G2	Hose OD mm	G3K/G4K	Hose OD mm	GMV
1/4	13.5	C3-1/4GAS	15.0	C3-15	-	-	-	-
3/8	17.3	C3-3/8GAS	18.8	C3-18	20.3	C4-20	-	-
1/2	20.3	C4-20	21.8	C4-22	23.9	C4-23	-	-
5/8	23.6	C4-23	25.1	C4-25	27.7	C4-28	-	-
3/4	27.7	C5-28	29.2	C5-30	30.7	C5-30	31.0	C5-32
1	35.6	C6-35	37.6	C6-38	38.1	C6-38	36.8	C6-38
1-1/4	43.4	C6-42	47.2	C7-48.3	47.0	C7-48.3	44.7	C6-45
1-1/2	49.8	C7-50.8	53.6	C7-54	53.6	C7-54	49.5	C7-50.8
2	63.8	CP4-65-CS	66.5	CP4-65-CS	66.8	CP4-65-CS	62.7	CP4-2-1/2-CS

Heavy Single

Hose ID inch	Hose OD mm	G1	Hose OD mm	G2	Hose OD mm	G3K/G4K	Hose OD mm	GMV
1/4	13.5	CP1-1/4GAS-CS	15.0	-	-	-	-	-
3/8	17.3	CP1-3/8GAS-CS	18.8	-	20.3	-	-	-
1/2	20.3	CP2-20-CS	21.8	CP2-22-CS	23.9	CP2-23-CS	-	-
5/8	23.6	CP2-22-CS	25.1	CP2-25-CS	27.7	CP2-28-CS	-	-
3/4	27.7	CP2-28-CS	29.2	CP2-30-CS	30.7	CP2-30-CS	31.0	CP3-32-CS
1	35.6	-	37.6	-	38.1	-	36.8	-
1-1/4	43.4	CP3-42-CS	47.2	-	47.0	-	44.7	CP3-45-CS
1-1/2	49.8	-	53.6	CP4-54-CS	53.6	CP4-53-CS	49.5	-
2	63.8	CP4-65-CS	66.5	CP4-65-CS	66.8	CP4-65-CS	62.7	CP4-2-1/2-CS

Standard Twin

Hose ID inch	Hose OD mm	G1	Hose OD mm	G2	Hose OD mm	G3K/G4K	Hose OD mm	GMV
1/4	13.5	CF2-14-14	15.0	CF2-15-15	-	-	-	-
3/8	17.3	CF2-16-16	18.8	CF2-18-18	20.3	CF3-20-20	-	-
1/2	20.3	CF3-20-20	21.8	CF3-22-22	23.9	-	-	-
5/8	23.6	-	25.1	CF3-25-25	27.7	CF4-28-28	-	-
3/4	27.7	CF4-28-28	29.2	CF4-30-30	30.7	CF4-30-30	31.0	CF4-30-30
1	35.6	CF5-35-35-	37.6	CF5-38-38	38.1	CF5-38-38	36.8	-

*Available on Request - Minimum Order Quantities May Apply

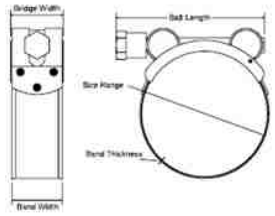
T-Bolt Clamps

TTBY Series - Part Stainless Steel, Heavy Duty

- For heavy duty applications where large tightening forces are required
- 430 stainless steel band and bridge - carbon steel plated bolt
- Rolled edge to present hose damage
- Solid trunnions with hex head bolt
- Superior sealing - tighter seals at lower bolt torques
- Extra solid construction
- Australian made



Technical Specifications



Series	TTBY (T-Bolt Clamp)
Band	430 Stainless Steel
Bridge	430 Stainless Steel
Bolt	High Tensile Carbon Steel Zinc Plated
Trunnion	Carbon Steel Zinc Plated
Collar	Carbon Steel Zinc Plated

Dimensions - Band and Bolt

Ref.	Band Width	Bridge Width	Band Thickness	Bolt	Bolt Length
1	16mm	18mm	0.7mm	M5	40mm
2	20mm	22mm	0.7mm	M6	55mm
3	24mm	27mm	1.0mm	M8	80mm
4	26mm	29mm	1.2mm	M10	105mm

Part Number Adjustment Range	Suit Hose Type		Part Number Adjustment Range	Suit Hose Type		Part Number Adjustment Range	Suit Hose Type	
TTBY17-19P			TTBY52-55P			TTBY104-112P		
TTBY18-20P			TTBY54-57P			TTBY108-116P		
TTBY20-22P			TTBY56-59P			TTBY113-121P		
TTBY21-23P			TTBY58-61P			TTBY117-125P		
TTBY23-25P			TTBY60-63P	32GMV		TTBY122-130P		
TTBY24-26P			TTBY62-65P		32MM-SD	TTBY126-134P		
TTBY26-28P			TTBY64-67P			TTBY131-139P		
TTBY27-29P			TTBY66-70P			TTBY140-148P		
TTBY29-31P	12GMV		TTBY68-73P	36GMV	40MM-SD	TTBY149-161P		
TTBY30-33P		12MM-SD	TTBY71-76P			TTBY162-174P		
TTBY32-35P			TTBY74-79P	40GMV		TTBY175-187P		
TTBY34-37P	16GMV		TTBY77-82P			TTBY188-200P		
TTBY36-39P		16MM-SD	TTBY80-85P			TTBY201-213P		
TTBY38-41P			TTBY83-88P			TTBY214-226P		
TTBY40-43P			TTBY86-91P	48GMV		TTBY227-239P		
TTBY42-45P			TTBY89-94P			TTBY240-252P		
TTBY44-47P	20GMV	20MM-SD	TTBY92-97P			TTBY253-265P		
TTBY46-49P			TTBY95-100P			TTBY266-278P		
TTBY48-51P	24GMV		TTBY98-103P	56GMV		TTBY279-291P		
TTBY50-53P		24MM-SD	TTBY101-107P			TTBY292-304P		

NB: MM-SD = MultiMaster™ SD Megaflex® hose

*Available on Request - Minimum Order Quantities May Apply

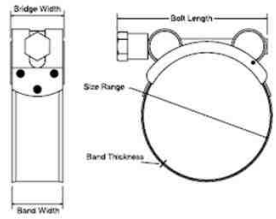
T-Bolt Clamps

TTBS Series - All Stainless Steel, Heavy Duty

- For heavy duty applications where large tightening forces are required
- All 300 series stainless steel for corrosion protection
- Rolled edge to present hose damage
- Solid trunnions with hex head bolt
- Superior sealing - tighter seals at lower bolt torques
- Extra solid construction
- Australian made



Technical Specifications



Series	TTBS (T-Bolt Clamp)
Band	304 Stainless Steel
Bridge	304 Stainless Steel
Bolt	High Tensile 316 Stainless Steel
Trunnion	300 Series Stainless
Collar	300 Series Stainless

Dimensions - Band and Bolt

Ref.	Band Width	Bridge Width	Band Thickness	Bolt	Bolt Length
1	16mm	18mm	0.7mm	M5	40mm
2	20mm	22mm	0.7mm	M6	55mm
3	24mm	27mm	1.0mm	M8	80mm
4	26mm	29mm	1.2mm	M10	105mm

Part Number Adjustment Range	Suit Hose Type		Part Number Adjustment Range	Suit Hose Type		Part Number Adjustment Range	Suit Hose Type	
TTBS17-19P			TTBS52-55P			TTBS104-112P		
TTBS18-20P			TTBS54-57P			TTBS108-116P		
TTBS20-22P			TTBS56-59P			TTBS113-121P		
TTBS21-23P			TTBS58-61P			TTBS117-125P		
TTBS23-25P			TTBS60-63P	32GMV	PROS51	TTBS122-130P		
TTBS24-26P			TTBS62-65P			TTBS126-134P		
TTBS26-28P			TTBS64-67P			TTBS131-139P		
TTBS27-29P			TTBS66-70P			TTBS140-148P		
TTBS29-31P	12GMV	PROS19	TTBS68-73P	36GMV		TTBS149-161P		
TTBS30-33P			TTBS71-76P			TTBS162-174P		
TTBS32-35P			TTBS74-79P	40GMV		TTBS175-187P		
TTBS34-37P	16GMV	PROS25	TTBS77-82P			TTBS188-200P		
TTBS36-39P			TTBS80-85P			TTBS201-213P		
TTBS38-41P			TTBS83-88P			TTBS214-226P		
TTBS40-43P		PROS32	TTBS86-91P	48GMV		TTBS227-239P		
TTBS42-45P			TTBS89-94P			TTBS240-252P		
TTBS44-47P	20GMV		TTBS92-97P			TTBS253-265P		
TTBS46-49P			TTBS95-100P			TTBS266-278P		
TTBS48-51P	24GMV	PROS38	TTBS98-103P	56GMV		TTBS279-291P		
TTBS50-53P			TTBS101-107P			TTBS292-304P		

*Available on Request - Minimum Order Quantities May Apply

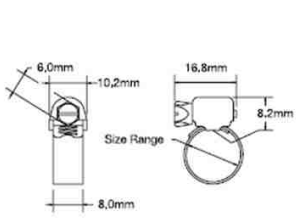
Perforated Band Clamps

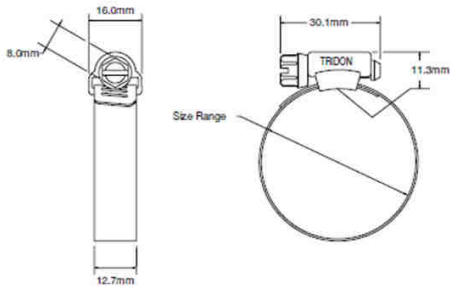
MH (Micro) & HS (Regular) Series - Part Stainless Steel



- For automotive and general purpose use
- 301 stainless steel band
- Built to SAE J1508 standard
- Low free torque for ease of installation
- Flexible band for superior sealing. Conforms to hose
- High strength for reliable sealing
- Australian made

Technical Specifications





Part No. MH004 – MH048

Series	MH (Micro Clamp)
Band	301 Stainless Steel
Housing	Mild Steel
Screw	Carbon Steel Zinc Plated (Hex Head)

Part No. HS006 – HS270

Series	HS (Regular Clamp)
Band	301 Stainless Steel
Housing	Stainless Steel*
Screw	Carbon Steel Zinc Plated (Hex Head)

* Some sizes are manufactured using carbon steel zinc plated housing

MH Range (Micro Clamp)	
Part Number	**Range (mm)**
MH004	6-16
MH005	11-18
MH006	11-22
MH008	13-25
MH010	14-27
MH012	17-32
MH016	18-38
MH020	22-45
MH024	33-51
MH028	40-57
MH032	46-64
MH036	52-70
MH040	59-76
MH048	65-89

HS Range (Regular Clamps)			
Part Number	**Range (mm)**	**Part Number**	**Range (mm)**
HS006	11-22	HS060	84-108
HS008	13-25	HS064	90-114
HS010	14-27	HS072	103-127
HS012	18-32	HS080	117-140
HS016	21-38	HS084	125-146
HS020	21-44	HS088	106-152
HS024	27-51	HS096	115-165
HS028	33-57	HS104	133-178
HS032	40-64	HS116	146-197
HS036	46-70	HS120	159-206
HS040	52-76	HS128	175-217
HS044	59-83	HS136	181-225
HS048	65-89	HS152	206-251
HS052	71-95	HS164	222-273
HS056	78-102	HS188	260-311

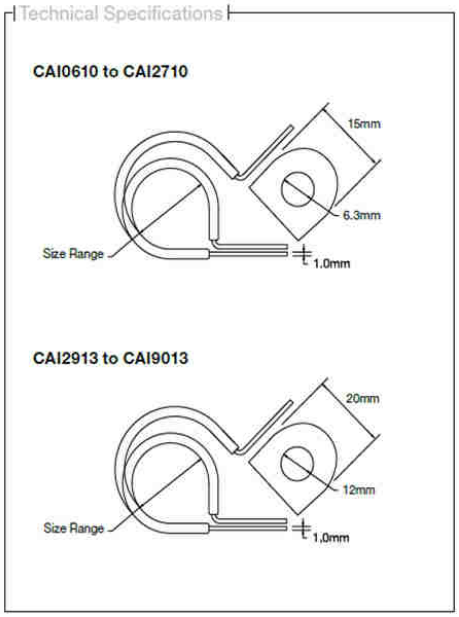
*Available on Request - Minimum Order Quantities May Apply

CAI Series

Vinyl Coated Clamps



- For use in holding pipes, hoses, tubing, cables etc
- Coated mild steel
- Ideal for automotive, plumbing, construction, marine, industrial electrical, power equipment, lawn and garden applications



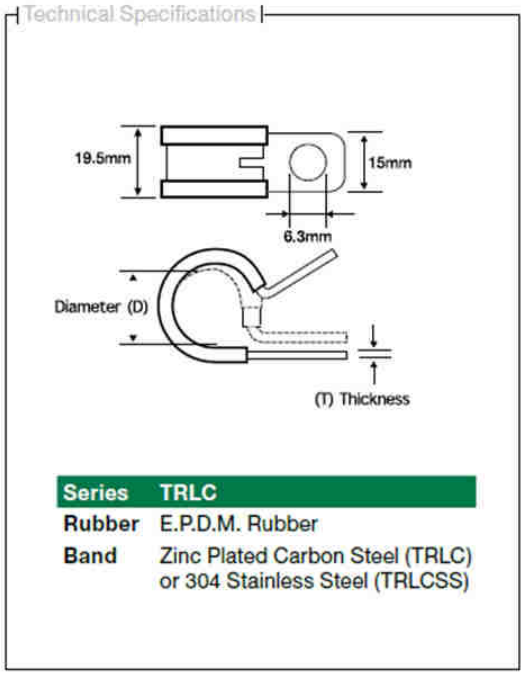
CAI Series (Vinyl Coated Clamps)			
Part Number	**Range (mm)**	**Part Number**	**Range (mm)**
CAI0610P	15mm wide 6.3mm hole	CAI2913P	20mm wide 12mm hole
CAI0810P		CAI3013P	
CAI1010P		CAI3213P	
CAI1110P		CAI3313P	
CAI1310P		CAI3813P	
CAI1410P		CAI4013P	
CAI1610P		CAI4413P	
CAI1810P		CAI4613P	
CAI1910P		CAI5113P	
CAI2110P		CAI5213P	
CAI2410P		CAI5713P	
CAI2510P		CAI6413P	
CAI2710P		CAI6713P	
		CAI7013P	
		CAI7313P	
		CAI9013P	

TRLC Series

Rubber Lined Clamps



- For pipes, cables, groups of cables, hoses etc
- Zinc plated carbon steel band (304 stainless steel available)
- On closing band adapts itself easily to the dimensions and shape required
- Excellent impact and vibration absorption



TRLC Series (Rubber Lined Clamps)			
Part Number	**Thickness (mm)**	**Part Number**	**Thickness (mm)**
TRLC6P	0.8	TRLC32P	1.3
TRLC8P	0.8	TRLC33P	1.3
TRLC10P	0.8	TRLC35P	1.3
TRLC11P	0.8	TRLC37P	1.3
TRLC13P	1.0	TRLC38P	1.3
TRLC14P	1.0	TRLC39P	1.3
TRLC16P	1.0	TRLC42P	1.3
TRLC18P	1.0	TRLC44P	1.3
TRLC19P	1.0	TRLC47P	1.3
TRLC21P	1.0	TRLC51P	1.3
TRLC22P	1.0	TRLC54P	1.3
TRLC25P	1.0	TRLC60P	1.3
TRLC27P	1.3	TRLC64P	1.3
TRLC29P	1.3	TRLC74P	1.3
TRLC30P	1.3	TRLC110P	1.3

*Available on Request - Minimum Order Quantities May Apply

SWAGING MACHINES & CUT-OFF SAWS



CS125
Up to 1" 2-wire



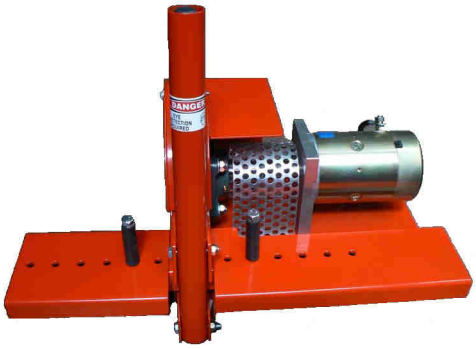
CS232
Up to 1¼" 4-wire



CS150
Up to 2" 4-wire



CS250
Up to 2" 6-wire



12V or 24V DC



240V or 415V AC

Cut-off Saws

For the full range of Child Swaging Machines and Accessories please contact your nearest Child Distributor

*Available on Request - Minimum Order Quantities May Apply

The Company warrants that the products sold by it shall be free from defects in either material or manufacture and will, provided written request to do so is made within 30 days after delivery, either repair or replace, at its option, items shown to the Company's satisfaction to have been defective at the time of delivery.

This warranty comprises the sole and entire warranty pertaining to the Company's products and other terms, conditions or warranties, including but not limited to merchantability and fitness for any particular purpose, whether expressed or implied, are hereby excluded to the fullest extent permitted by law.

No warranty is given on components made to other than the Company's design and is void on any product evidencing alteration from the Company's manufacturing specification.

The Company liability under any statutory provision is limited to the repair, replacement or provision of any equivalent product, at its option.

Except to the extent liability cannot by law be excluded or limited, the Company does not under any circumstances whatsoever accept liability for any contingent cost or consequential losses or any other liability whatsoever (except that under the above terms) which may in any way arise in the use of its products or any defect occurring in them.

Technical information has been prepared from actual test results and is considered reliable but no responsibility can be presumed for its accuracy under varied field conditions.

Child hose couplings are designed and manufactured to suit the nominated Gates or Child branded hose and are to be assembled strictly in accordance with instructions issued by the Company.

The use of non-specified hose or assembly other than to Company instructions may produce an unsatisfactory and hazardous product. Warranty is void in such instances and any liability, expressed or implied, is totally disclaimed.

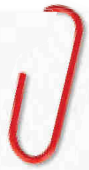
The Company does not warrant the performance of weld-type adaptors, once welded (except by the Company, its servants or its selling agents). These welded products should be tested and proved fit for the use intended. Not testing, not proving, faulty fabrication or faulty welding may result in an unsatisfactory or even dangerous product.

Suggestions on application, installation and care of the product are offered by the Company only as a guide to best practice and do not add to or otherwise vary the terms of the warranty.

The Company's technical reference manuals provide dimensional and technical specifications to assist in the correct selection and application of Child and Gates products. Because of technological progress and product improvement, all design and dimensional data shown in this product guide is subject to change without notice.

*Available on Request - Minimum Order Quantities May Apply

Notes



Contact Person

Additional product information available on request

BRANCH LOCATIONS



ADELAIDE	243 HALIFAX STREET, ADELAIDE SA 5000	adelaide.sales@southcott.com.au	08 8228 2411
SYDNEY	1/1A GIBBON ROAD, BAULKHAM HILLS NSW 2153	sydney.sales@southcott.com.au	02 8814 2100
NEWCASTLE	4/14 YANGAN DRIVE, BERESFIELD NSW 2322	newcastle.sales@southcott.com.au	02 4964 2123
BRISBANE	45 FULCRUM STREET, RICHLANDS QLD 4077	brisbane.sales@southcott.com.au	07 3022 3700
EMERALD	77 MACAULEY ACCESS ROAD, EMERALD QLD 4720	emerald.sales@southcott.com.au	07 4988 1800
MACKAY	10/30-36 MARGARET VELLA DRIVE, PAGET QLD 4740	mackay.sales@southcott.com.au	07 4847 8800
MELBOURNE	13-15 NICOLE WAY, DANDENONG SOUTH VIC 3175	melbourne.sales@southcott.com.au	03 8793 6400
LAVERTON	1/9 EVERAISE COURT, LAVERTON NORTH VIC 3026	laverton.sales@southcott.com.au	03 9371 9000
PERTH	1/1110 ABERNETHY ROAD, HIGH WYCOMBE WA 6057	perth.sales@southcott.com.au	08 6216 4600
TASMANIA	LOT 4, 6183 FRANKFORD ROAD, WESLEY VALE TAS 7307	tasmania.sales@southcott.com.au	03 6427 0908

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