



Catalogue 2025

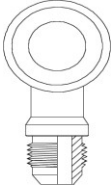
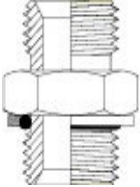
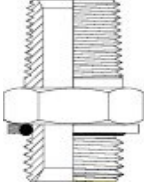
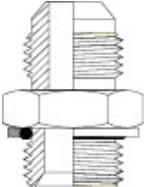
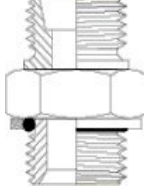
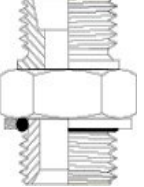
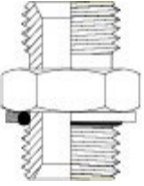
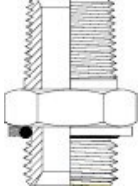
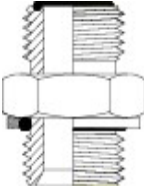
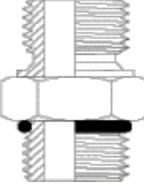
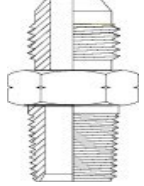
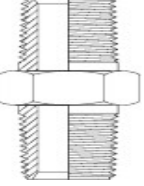
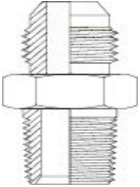
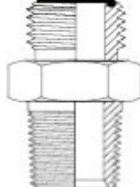
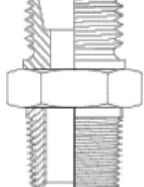
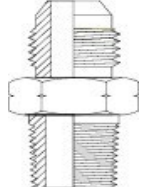
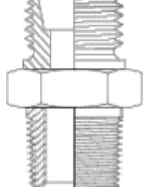
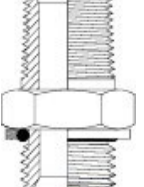
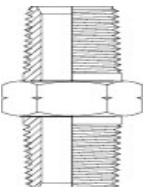
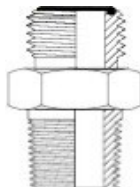
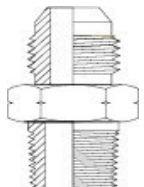
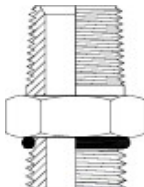
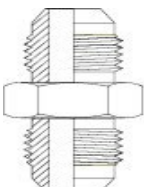
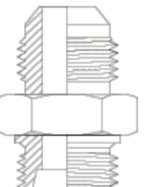
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One Call - SORTED!

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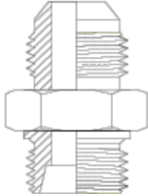
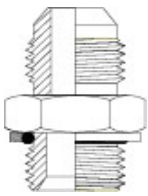
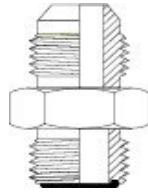
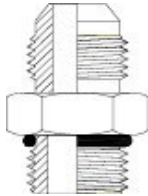
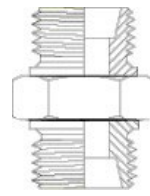
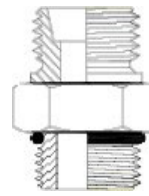
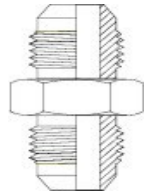
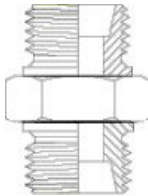
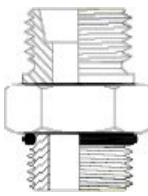
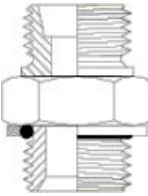
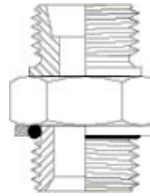
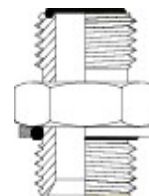
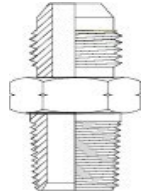
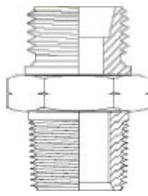
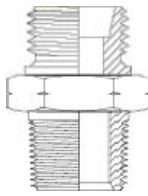
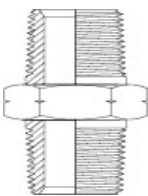
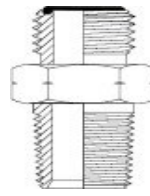
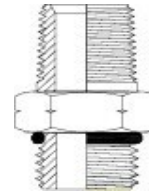
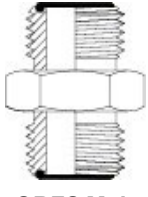
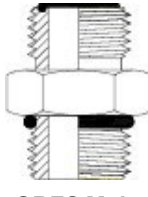
STRAIGHT

Nipple

A5020	A1010	A1022	A1050	A1068	A1065
					
BSP Banjo JIC Male	BSPP Male BSPP Male	BSPP Male BSPT Male	BSPP Male JIC Male	BSPP Male Metric Heavy Male	BSPP Male Metric Light Male
Page 2	Page 2	Page 3	Page 4	Page 58	Page 58
A2261	A1034	A1088	A1056	A2215	A2222
					
BSPP Male Metric Stud Male	BSPP Male NPT Male	BSPP Male ORFS Male	BSPP Male UNO Male	BSPT Male JIS BSP Male	BSPT Male BSPT Male
Page 5	Page 5	Page 5	Page 6	Page 7	Page 9
A2250	BTM-MCM	A2268	A2282	A2265	A2261
					
BSPT Male JIC Male	BSPT Male Metric Flat Face Male	BSPT Male Metric Heavy Male	BSPT Male JIS Komatsu Male	BSPT Male Metric Light Male	BSPT Male Metric Stud Male
Page 10	Page 11	Page 59	Page 11	Page 59	Page 11
A2234	A2288	A2246	A2256	A5050	A5068
					
BSPT Male NPT Male	BSPT Male ORFS Male	BSPT Male SAE Male	BSPT Male UNO Male	JIC Male JIC Male	JIC Male Metric Heavy Male
Page 11	Page 12	Page 12	Page 13	Page 16	Page 60

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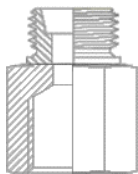
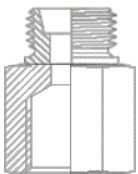
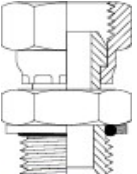
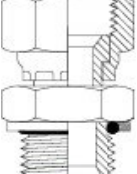
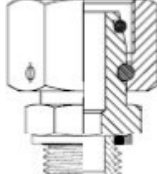
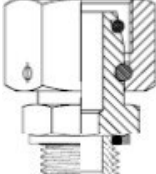
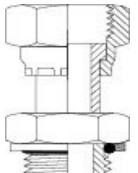
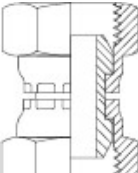
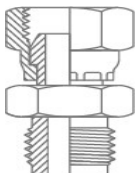
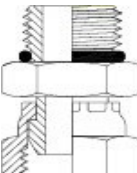
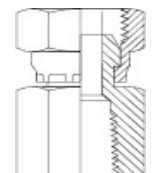
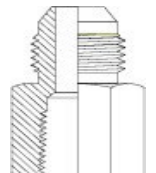
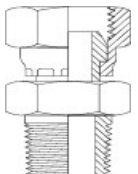
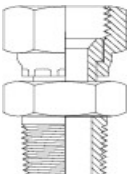
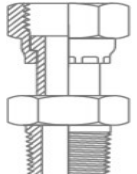
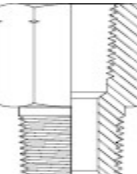
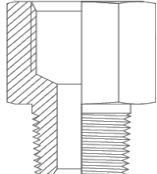
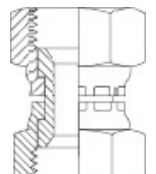
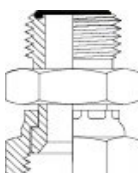
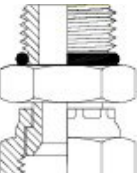
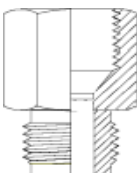
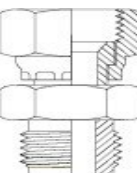
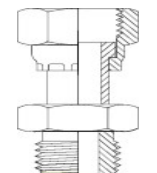
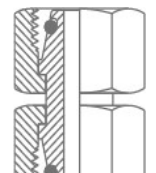
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A5065	A5061	A5088	A5056	A6868	A6856
					
JIC Male Metric Light Male	JIC Male Metric Stud Male	JIC Male ORFS Male	JIC Male UNO Male	Metric Heavy Male Metric Heavy Male	Metric Heavy Male UNO Male
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A8282	A6565	A6556	A6168	A6165	A6188
					
JIS Komatsu Male JIS Komatsu Male	Metric Light Male Metric Light Male	Metric Light Male UNO Male	Metric Stud Male Metric Heavy Male	Metric Stud Male Metric Light Male	Metric Stud Male ORFS Male
Page 19	Page 62	Page 67	Page 66	Page 66	Page 22
A3450	A3468	A3465	A3434	A3488	A3456
					
NPT Male JIC Male	NPT Male Metric Heavy Male	NPT Male Metric Light Male	NPT Male NPT Male	NPT Male ORFS Male	NPT Male UNO Male
Page 20	Page 68	Page 68	Page 21	Page 22	Page 22
A8888	A8856				
					
ORFS Male ORFS Male	ORFS Male UNO Male				
Page 23	Page 23				

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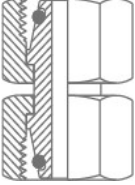
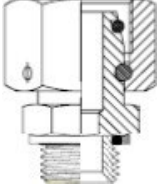
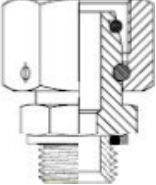
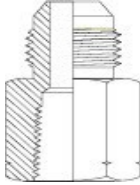
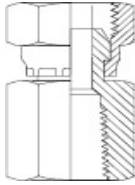
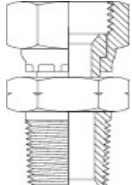
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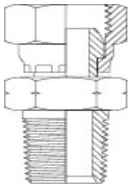
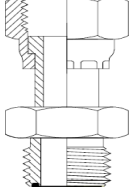
Adaptor Union

A2068	A2065	A1017	A1053	A1069	A1067
					
BSPP Female Metric Heavy Male Page 56	BSPP Female Metric Light Male Page 56	BSPP Male BSPP Female Swivel Page 3	BSPP Male JIC Female Swivel Page 4	BSPP Male Metric Heavy Female Swivel Page 57	BSPP Male Metric Light Female Swivel Page 57
A1089	A1717	A1750	A1756	A2417	A2450
					
BSPP Male ORFS Female Swivel Page 5	BSPP Female Swivel BSPP Female Swivel Page 6	BSPP Female Swivel JIC Male Page 6	BSPP Female Swivel UNO Male Page 6	BSPT Female Fixed BSPP Female Swivel Page 7	BSPT Female Fixed JIC Male Page 7
A2217	A2253	A2284	A2236	A2259	A5353
					
BSPT Male BSPP Female Swivel Page 8	BSPT Male JIC Female Swivel Page 9	BSPT Male Metric Flat Face Female Swivel Page 11	BSPT Male NPT Female Fixed Page 11	BSPT Male UNO Female Fixed Page 12	JIC Female Swivel JIC Female Swivel Page 13
A5388	A5356	A5054	A5053	A5089	A6969
					
JIC Female Swivel ORFS Male Page 13	JIC Female Swivel UNO Male Page 14	JIC Male JIC Female Fixed Page 15	JIC Male JIC Female Swivel Page 15	JIC Male ORFS Female Swivel Page 17	Metric Heavy Female Swivel Metric Heavy Female Swivel Page 61

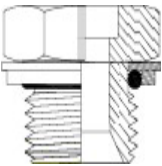
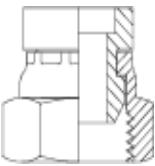
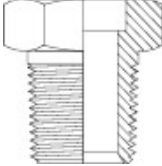
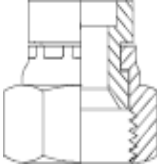
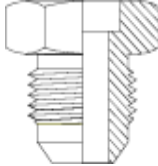
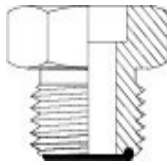
All Prices Exclude GST

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A6767	A6169	A6167	A3650	A3630	A3453
					
Metric Light Female Swivel	Metric Stud Male	Metric Stud Male	NPT Female Fixed	NPT Female Fixed	NPT Male JIC Female Swivel
Metric Light Female Swivel	Metric Heavy Female Swivel	Metric Light Female Swivel	JIC Male	NPT Female Swivel	
Page 61	Page 65	Page 65	Page 19	Page 19	Page 19

A3430	A8889
	
NPT Male NPT Female Swivel	ORFS Male ORFS Female Swivel
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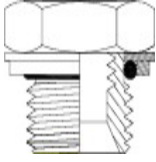
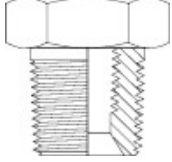
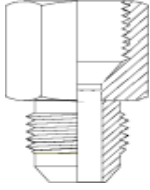
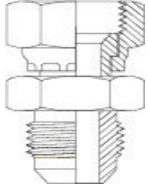
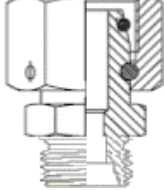
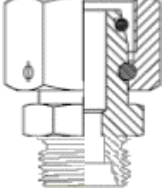
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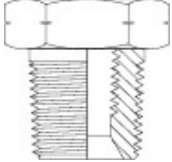
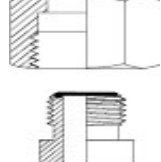
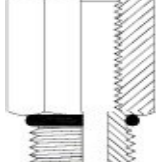
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BSPP Male Tubeweld	BSPP Female Swivel Tubeweld	BSPT Male Tubeweld	JIC Female Swivel Tubeweld	JIC Male Tubeweld	ORFS Male Tubeweld
Page 5	Page 6	Page 12	Page 13	Page 17	Page 23

All Prices Exclude GST

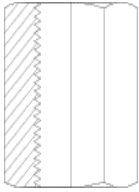
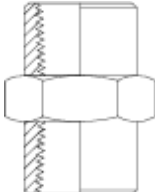
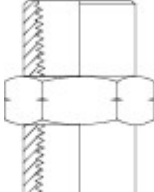
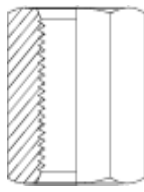
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Reducer / Expander

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Page 2	Page 8	Page 15	Page 15	Page 63	Page 64

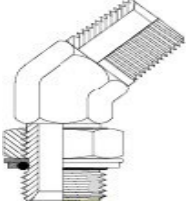
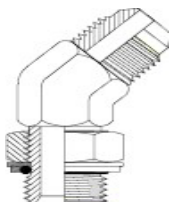
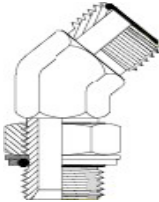
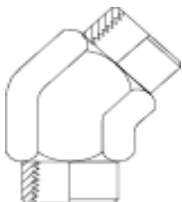
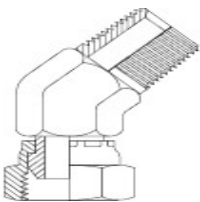
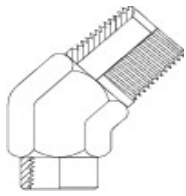
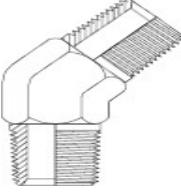
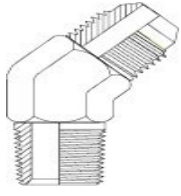
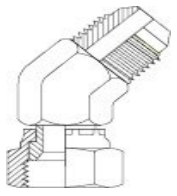
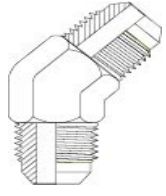
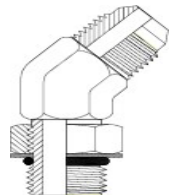
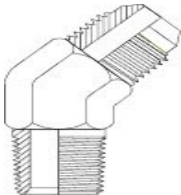
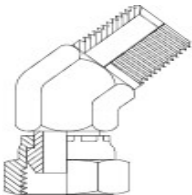
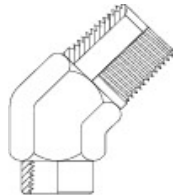
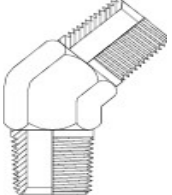
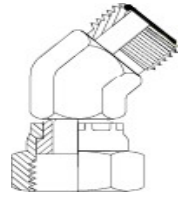
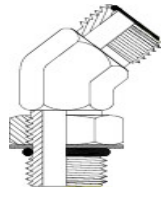
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NPT Male NPT Female	ORFS Male ORFS Female	UNO Male UNO Female
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Socket

A2020	A2424	A3636	A5959
			
BSPP Female BSPP Female	BSPT Female BSPT Female	NPT Female NPT Female	UNO Female UNO Female
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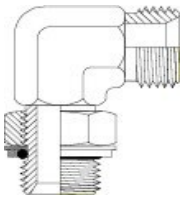
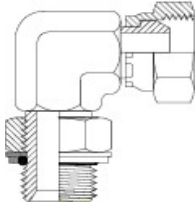
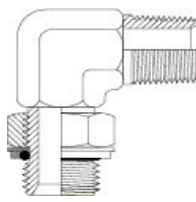
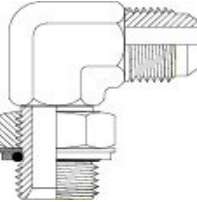
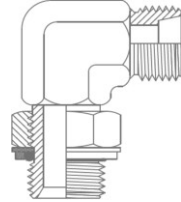
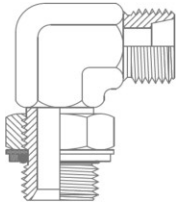
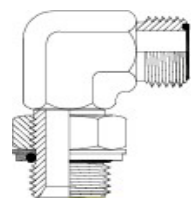
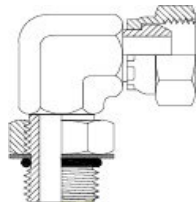
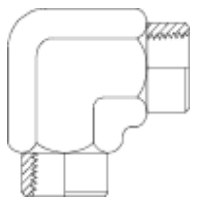
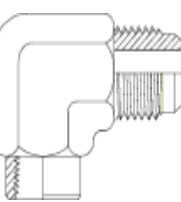
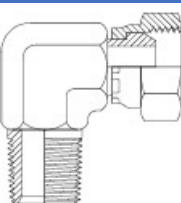
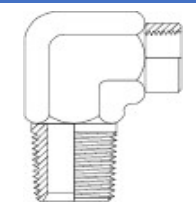
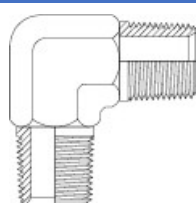
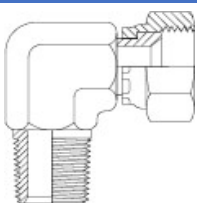
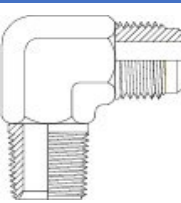
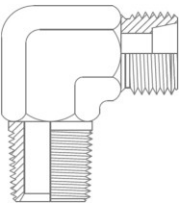
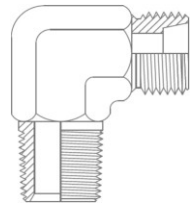
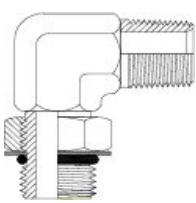
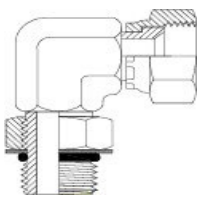
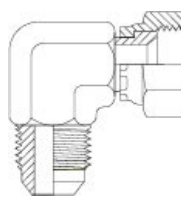
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BSPP Male BSPT Male	BSPP Male JIC Male	BSPP Male ORFS Male	BSPT Female BSPT Female Fixed	BSPT Male BSPP Female Swivel
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C2224	C2222	C2250	C5053	C5050
				
BSPT Male BSPT Female Fixed	BSPT Male BSPT Male	BSPT Male JIC Male	JIC Male JIC Female Swivel	JIC Male JIC Male
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C5057	C3450	C3430	C3436	C3434
				
JIC Male UNO Male	NPT Male JIC Male	NPT Male NPT Female Swivel	NPT Male NPT Female Fixed	NPT Male NPT Male
Page 28	Page 29	Page 29	Page 29	Page 29
C8889	C5788			
				
ORFS Male ORFS Female Swivel	ORFS Male UNO Male			
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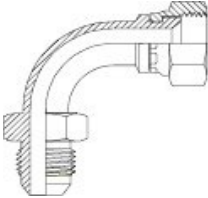
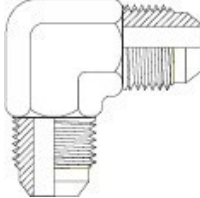
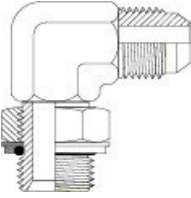
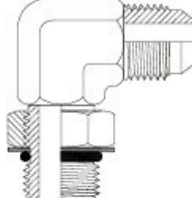
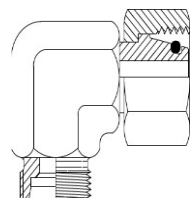
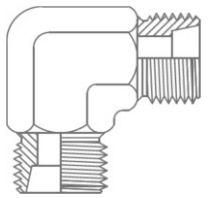
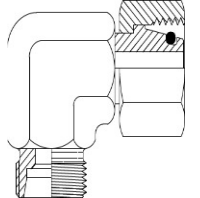
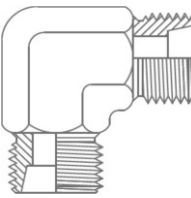
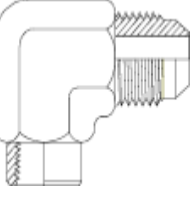
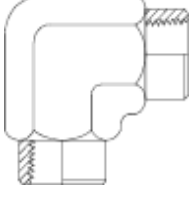
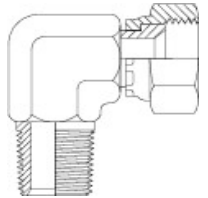
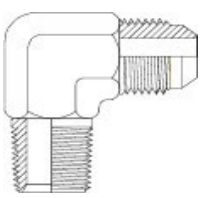
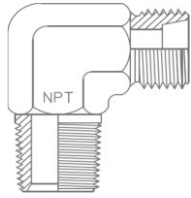
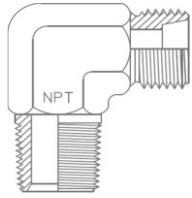
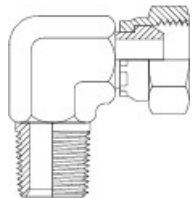
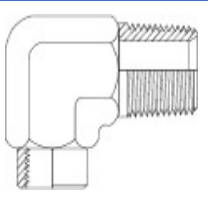
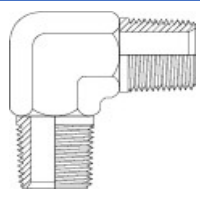
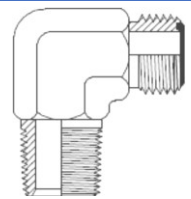
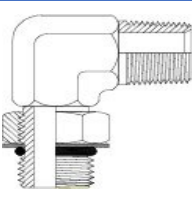
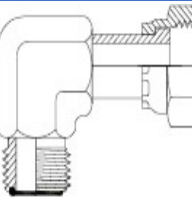
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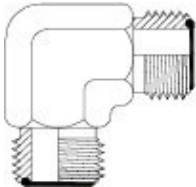
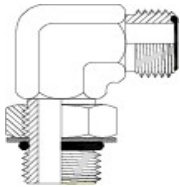
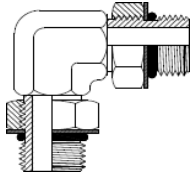
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JIC Male JIC Female Swivel Page 36	JIC Male JIC Male Page 37	JIC Male Metric Stud Male Page 37	JIC Male UNO Male Page 37	Metric Heavy Male Metric Heavy Female Swivel Page 72
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Metric Heavy Male Metric Heavy Male Page 72	Metric Light Male Metric Light Female Swivel Page 72	Metric Light Male Metric Light Male Page 72	NPT Female Fixed JIC Male Page 38	NPT Female NPT Female Fixed Page 38
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NPT Male JIC Female Swivel Page 38	NPT Male JIC Male Page 38	NPT Male Metric Heavy Male Page 73	NPT Male Metric Light Male Page 73	NPT Male NPT Female Swivel Page 39
B3436	B3434	B3488	B3457	B8889
				
NPT Male NPT Female Fixed Page 39	NPT Male NPT Male Page 39	NPT Male ORFS Male Page 39	NPT Male UNO Male Page 39	ORFS Male ORFS Female Swivel Page 40

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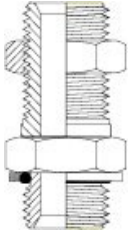
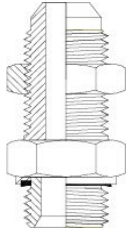
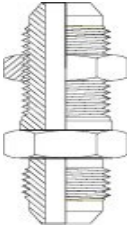
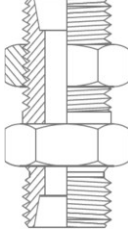
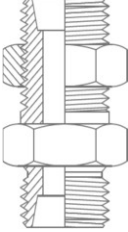
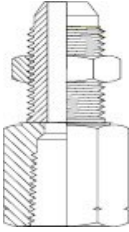
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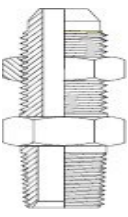
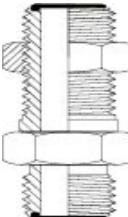
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Page 40	Page 40	Page 40

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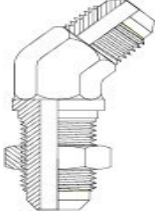
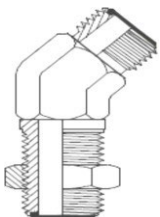
BULKHEAD

Straight

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BSPP Male BSPP Male	BSPP Male JIC Male	JIC Male JIC Male	Metric Heavy Male Metric Heavy Male	Metric Light Male Metric Light Male	NPT Female Fixed JIC Male
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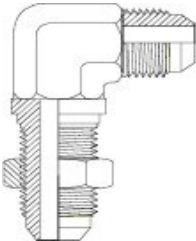
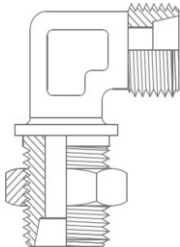
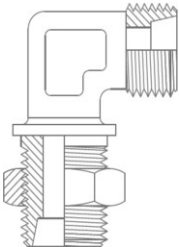
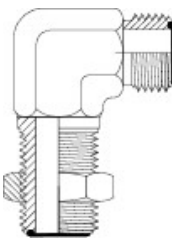
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NPT Male JIC Male	ORFS Male ORFS Male
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45 Degree

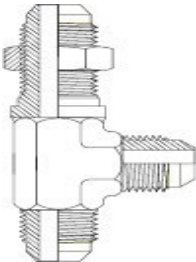
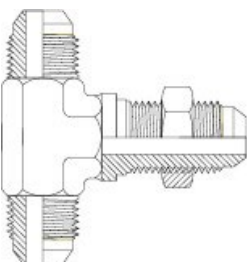
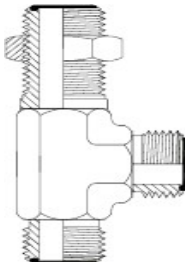
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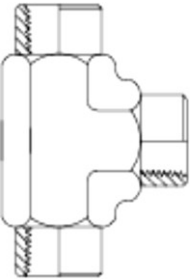
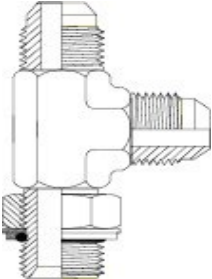
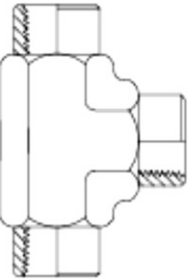
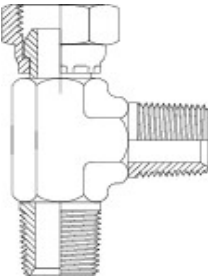
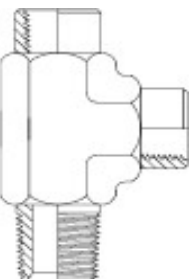
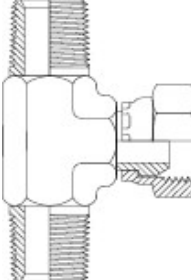
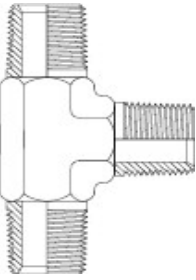
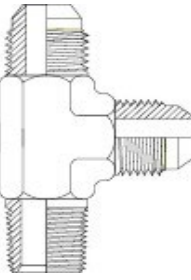
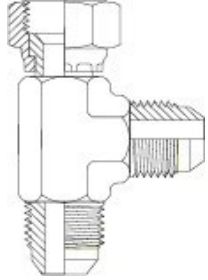
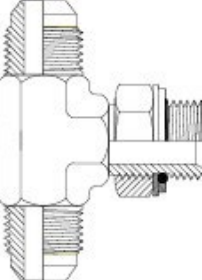
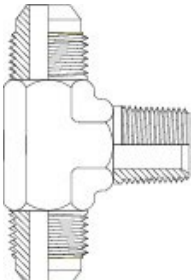
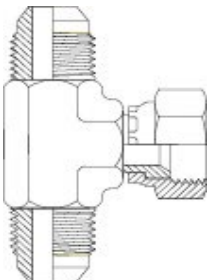
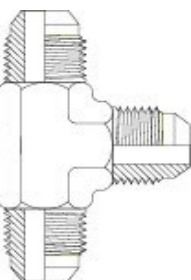
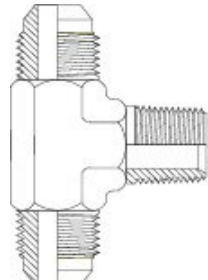
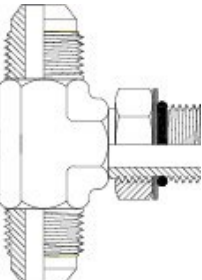
B5051	B6868BH	B6565BH	B8892
			
JIC Male JIC Male	Metric Heavy Male Metric Heavy Male	Metric Light Male Metric Light Male	ORFS Male ORFS Male
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Tee

D505150	D505051	D889288
		
JIC Male JIC Male JIC Male	JIC Male JIC Male JIC Male	ORFS Male ORFS Male ORFS Male
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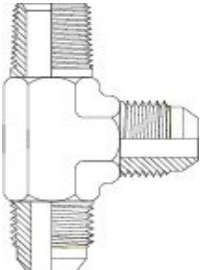
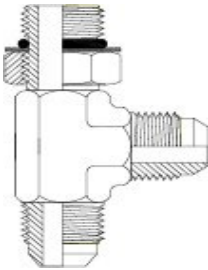
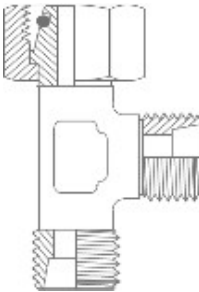
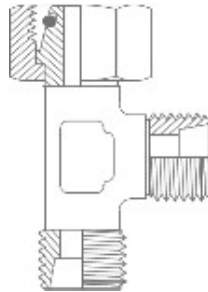
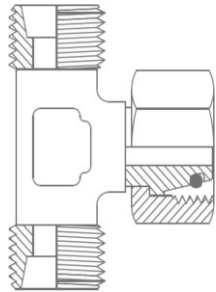
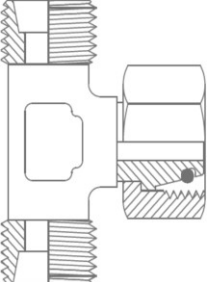
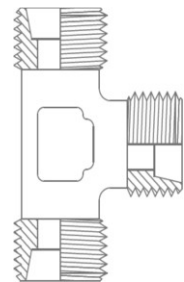
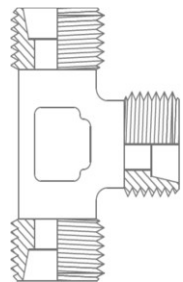
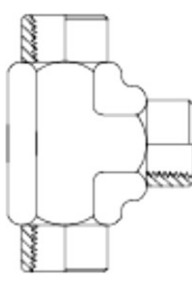
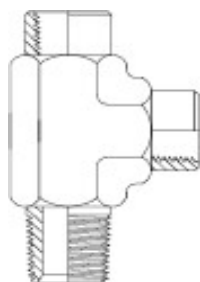
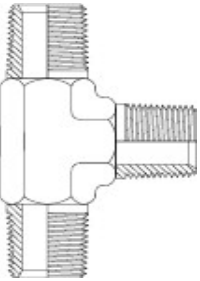
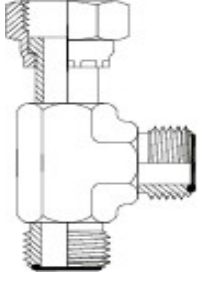
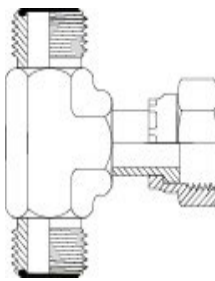
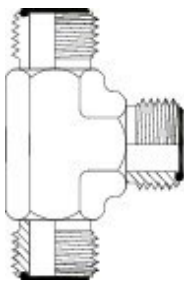
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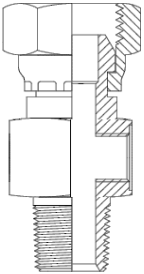
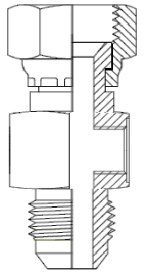
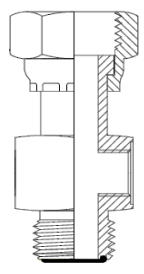
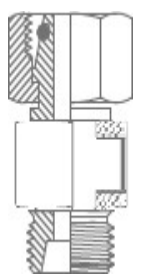
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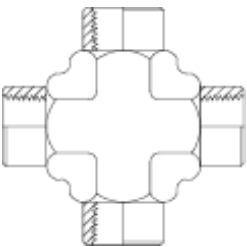
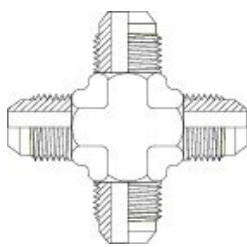
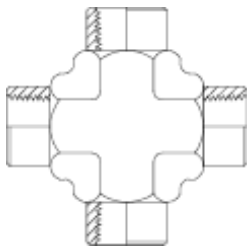
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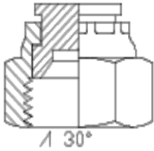
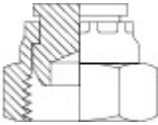
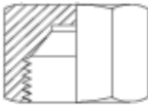
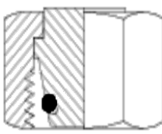
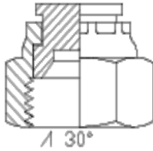
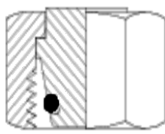
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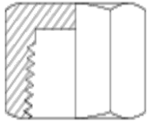
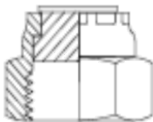
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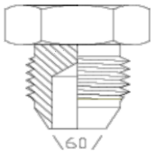
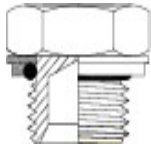
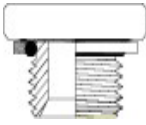
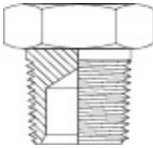
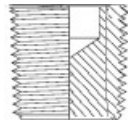
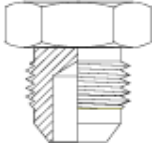
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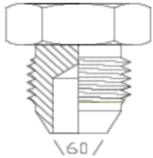
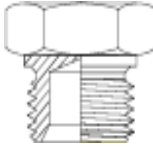
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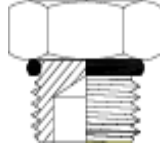
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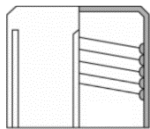
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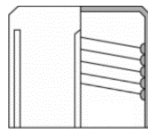
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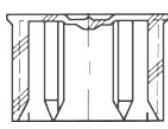
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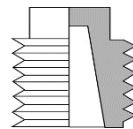
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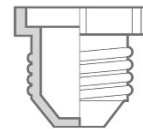
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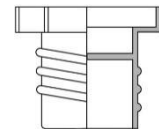
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**BSPP Plastic
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**JIC Plastic
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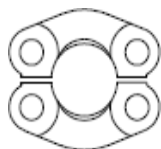


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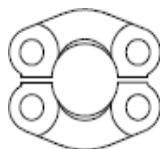
FLANGE ADAPTORS

Straight

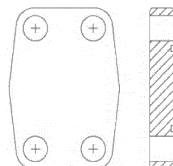
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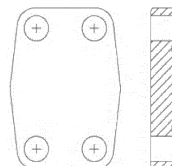
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**Code 62 Flange
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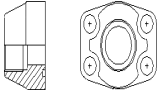
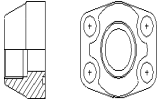
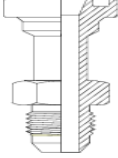
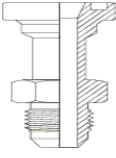
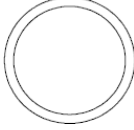


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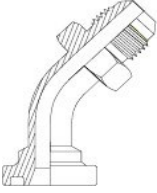
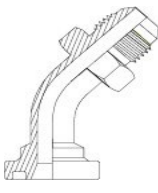


**Code 62
Flange Plug**
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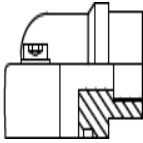
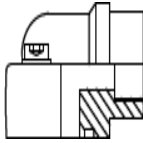
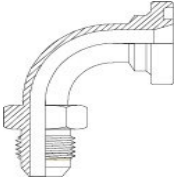
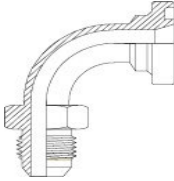
CONTENTS

FB-F61	FB-F62	A5038	A5039	CAT-F62
				
Code 61 Flange Block BSPP Female Page 133	Code 62 Flange Block BSPP Female Page 133	JIC Male Code 61 Flange Page 14	JIC Male Code 62 Flange Page 14	Code 62 Flange CAT Spacer Ring Page 134

45 Degree

J5038	J5039
	
JIC Male Code 61 Flange Page 27	JIC Male Code 62 Flange Page 28

90 Degree

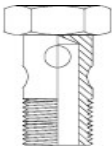
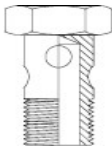
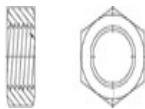
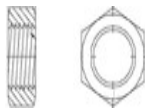
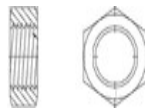
FB-F61-90C	FB-F62-90C	G5038	G5039
			
Code 61 Flange Block BSPP Female Page 133	Code 62 Flange Block BSPP Female Page 133	JIC Male Code 61 Flange Swept Page 35	JIC Male Code 62 Flange Swept Page 35

All Prices Exclude GST

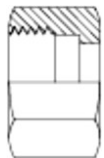
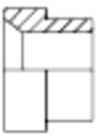
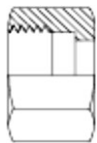
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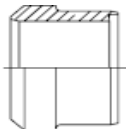
ANCILLARY ITEMS

Banjo Bolts & Locking Nuts

BBB		MBB		BLN		JLN		OLN	
									
BSPP Banjo Bolt		Metric Banjo Bolt		BSPP Locking Nut		JIC Locking Nut		ORFS Locking Nut	
Page 130		Page 130		Page 130		Page 130		Page 130	

Tube Nut Flares / Compression

JTN		JTS	OTN	
				
JIC Tube Nut		JIC Tube Sleeve	ORFS Tube Nut	
Page 131		Page 131	Page 131	

MS	ML	P-R
		
Metric Heavy Nut	Metric Light Nut	Metric Compression Olive
Page 77	Page 77	Page 77

O-Rings & Seals

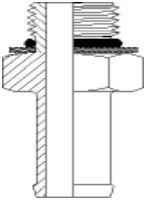
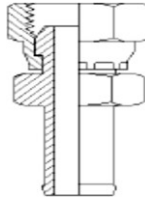
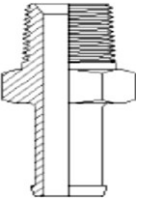
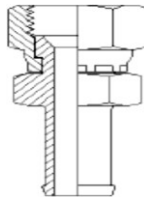
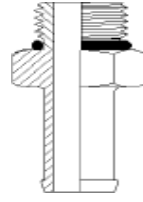
OR-BSP	OR-ORF	OR-SAE	OR-UNO	DSB	DSM	EDB
						
BSP O-Ring	ORFS O-Ring	SAE Flange O-Ring	UNO O-Ring	BSP Dowty Seal	Metric Dowty Seal	BSP Encapsulated O-Ring
Page 132	Page 132	Page 132	Page 132	Page 132	Page 132	Page 132

All Prices Exclude GST

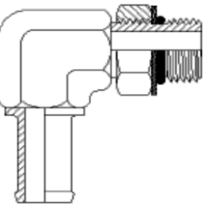
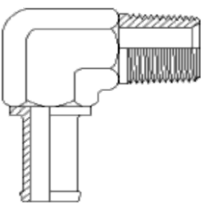
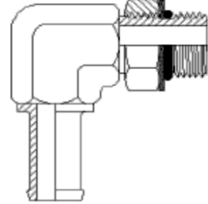
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LOW PRESSURE HOSETAILS

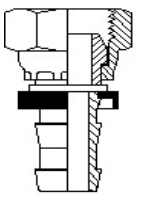
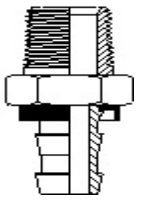
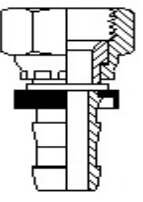
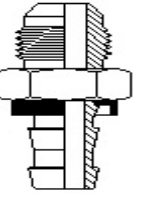
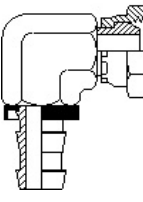
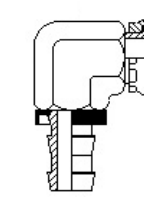
Straight

A0710	A0717	A0722	A0753	A0756
				
Suction Tail BSPP Male	Suction Tail BSPP Female	Suction Tail BSPT Male	Suction Tail JIC Female	Suction Tail UNO Male
Page 80	Page 80	Page 80	Page 80	Page 80

90 Degree

B0713	B0722	B0757
		
Suction Tail BSPP Male	Suction Tail BSPT Male	Suction Tail UNO Male
Page 81	Page 81	Page 81

PUSH-LOCK HOSETAILS

A0617	A0622	A0653	A0650	B0617	B0653
					
Push On Tail BSPP Female	Push On Tail BSPT Male	Push On Tail JIC Female	Push On Tail JIC Male	Push On Tail BSPP Female 90°	Push On Tail JIC Female 90°
Page 82	Page 82	Page 82	Page 82	Page 82	Page 82

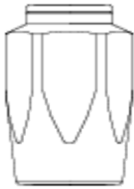
All Prices Exclude GST

CONTENTS

FIELD ATTACHABLE HOSETAILS

R1AT / R2AT Ferrules

RU01



**SAE 100R1AT
Ferrule
Page 83**

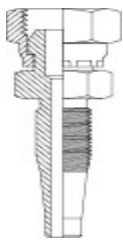
RU02



**SAE 100R2AT
Ferrule
Page 83**

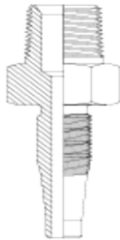
R1AT / R2AT Straight

A0117



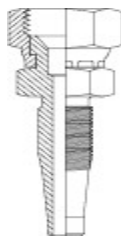
**Field
Attachable
BSPP Female
Page 83**

A0122



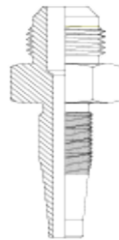
**Field
Attachable
BSPT Male
Page 83**

A0153



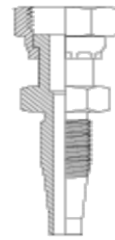
**Field
Attachable
JIC Female
Page 83**

A0150



**Field
Attachable
JIC Male
Page 83**

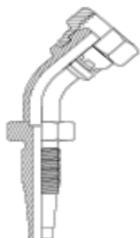
A0189



**Field
Attachable
ORFS Female
Page 84**

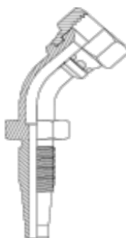
R1AT / R2AT 45 Degree

J0117



**Field
Attachable
BSPP Female
Page 85**

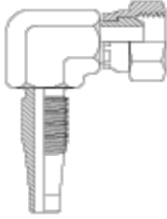
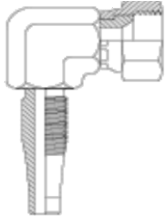
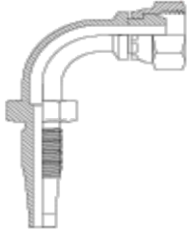
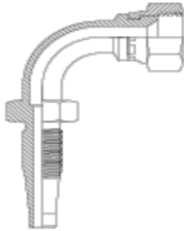
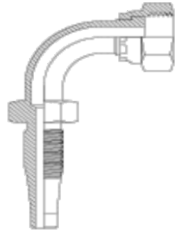
J0153



**Field
Attachable
JIC Female
Page 85**

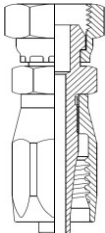
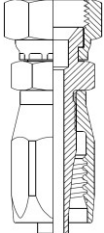
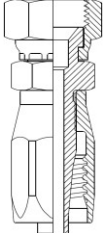
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R1AT / R2AT 90 Degree

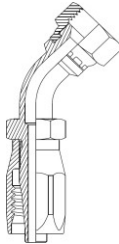
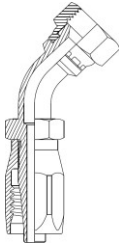
B0117	B0153	G0117	G0153	G0189
				
Field Attachable BSPP Female Compact Page 85	Field Attachable JIC Female Compact Page 85	Field Attachable BSPP Female Swept Page 86	Field Attachable JIC Female Swept Page 86	Field Attachable ORFS Female Swept Page 86

R5 HOSETAILS

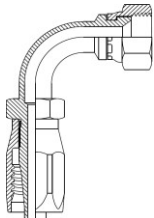
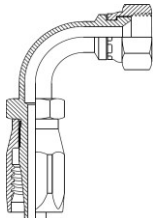
Straight

R5-BSF	R5-JIF	R5-SAF
		
R5 Tail BSPP Female Page 87	R5 Tail JIC Female Page 87	R5 Tail SAE Female Page 87

45 Degree

R5-JIF-45S	R5-SAF-45S
	
R5 Tail JIC Female 45° Page 88	R5 Tail SAE Female 45° Page 88

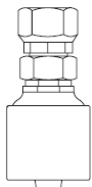
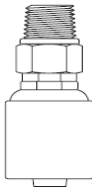
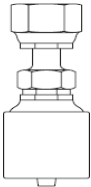
90 Degree

R5-JIF-90S	R5-SAF-90S
	
R5 Tail JIC Female 90° Page 88	R5 Tail SAE Female 90° Page 88

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ONE PIECE HOSETAILS

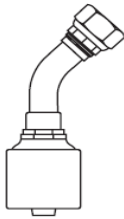
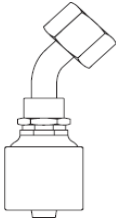
R1AT / R2AT Straight

A0225-1P	A0218-1P	A0210-1P	A0217-1P	A0222-1P	A0253-1P
					
One Piece Crimp BSP Banjo Page 89	One Piece Crimp JIS (BSP) Female Page 89	One Piece Crimp BSPP Male Page 89	One Piece Crimp BSPP Female Page 89	One Piece Crimp BSPT Male Page 89	One Piece Crimp JIC Female Page 90
A0250-1P	A0283-1P	A0269-1P	A0268-1P	A0276-1P	A0267-1P
					
One Piece Crimp JIC Male Page 90	One Piece Crimp Metric Banjo Page 91	One Piece Crimp Metric Heavy Female Page 91	One Piece Crimp Metric Heavy Male Page 91	One Piece Crimp JIS (Komatsu) Female Page 91	One Piece Crimp Metric Light Female Page 92
A0265-1P	A0289-1P	A0288-1P	A0246-1P	A0257-1P	
					
One Piece Crimp Metric Light Male Page 92	One Piece Crimp ORFS Female Page 92	One Piece Crimp ORFS Male Page 92	One Piece Crimp SAE Female Page 93	One Piece Crimp UNO Live Swivel Male Page 93	

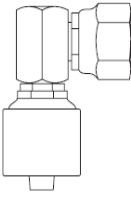
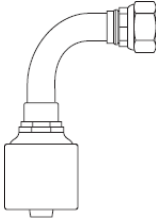
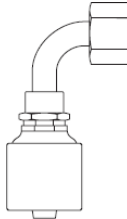
All Prices Exclude GST

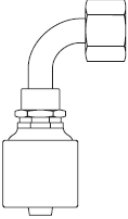
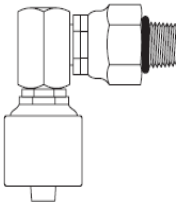
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R1AT / R2AT 45 Degree

J0217-1P	J0253-1P	J0269-1P	J0267-1P	J0289-1P
				
One Piece Crimp BSPP Female Page 95	One Piece Crimp JIC Female Page 95	One Piece Crimp Metric Heavy Female Page 95	One Piece Crimp Metric Light Female Page 96	One Piece Crimp ORFS Female Page 96

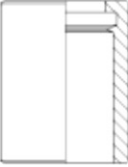
R1AT / R2AT 90 Degree

B0217-1P	G0217-1P	G0253-1P	G0269-1P	G0267-1P
				
One Piece BSPP Female Compact Page 97	One Piece BSPP Female Swept Page 98	One Piece JIC Female Swept Page 98	One Piece Metric Heavy Female Swept Page 99	One Piece Metric Light Female Swept Page 99

G0289-1P	B0257-1P
	
One Piece ORFS Female Swept Page 100	One Piece Crimp UNO Live Swivel Male Page 97

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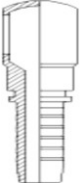
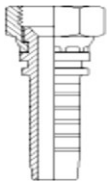
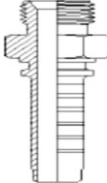
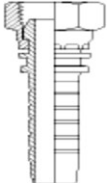
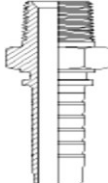
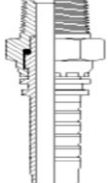
FERRULES

SN01	SN1/2	FR7/8	FR14	SNG2	SNMS
					
SAE 100R1AT Crimp Ferrule	SAE 100R1AT / R2AT Dual Purpose Crimp Ferrule	SAE 100R7 Crimp Ferrule	SAE 100R14 Crimp Ferrule	Gates Braided Crimp Ferrule (GS1F-2 / GSP1F)	Gates Multi-Spiral Crimp Ferrule (-6 to -16)
Page 113	Page 113	Page 113	Page 113	Page 114	Page 114

GS1F	20GS1F
	
Gates Multi-Spiral Crimp Ferrule (4K-20)	Gates Multi-Spiral Crimp Ferrule (6K-20)
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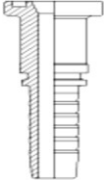
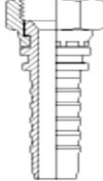
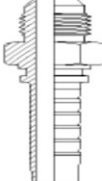
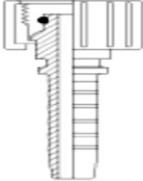
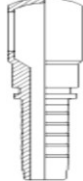
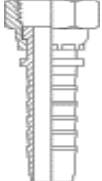
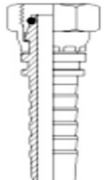
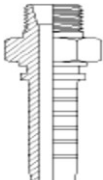
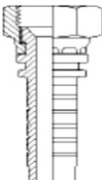
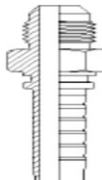
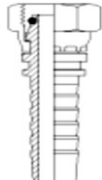
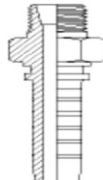
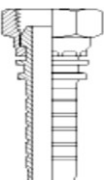
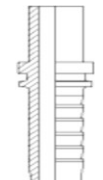
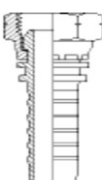
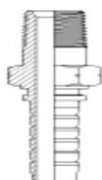
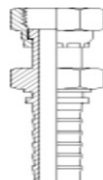
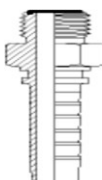
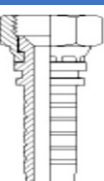
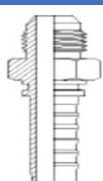
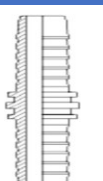
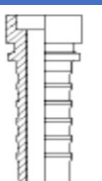
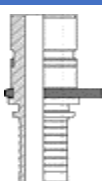
TWO PIECE HOSETAILS

R1AT / R2AT Straight

A0225	A0218	A0210	A0217	A0222	STB-BSM
					
Two Piece Crimp BSP Banjo	Two Piece Crimp JIS (BSP) Female	Two Piece Crimp BSPP Male	Two Piece Crimp BSPP Female	Two Piece Crimp BSPT Male	Two Piece Crimp BSPT Male Swivel
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All Prices Exclude GST

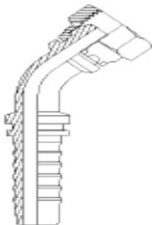
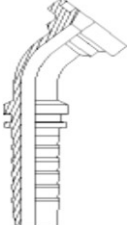
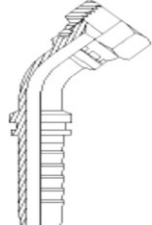
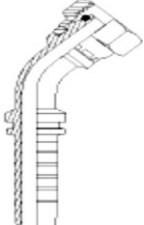
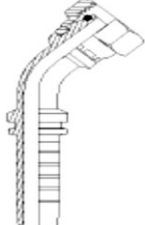
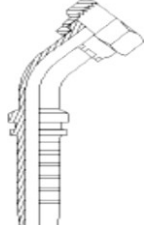
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Two Piece Crimp Metric Heavy Female Page 118	Two Piece Crimp Metric Heavy Male Page 118	Two Piece Crimp JIS (Komatsu) Female Page 118	Two Piece Crimp JIS (Komatsu) Male Page 119	Two Piece Crimp Metric Light Female Page 119	Two Piece Crimp Metric Light Male Page 119
A02MMS	A0279	A0230	A0230	A0289	A0288
					
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Two Piece Crimp SAE Female Page 121	Two Piece Crimp SAE Male Page 121	Two Piece Crimp Hose Joiner Page 121	Two Piece Crimp Weld On Page 121	Two Piece Crimp WEO Plug Page 121	

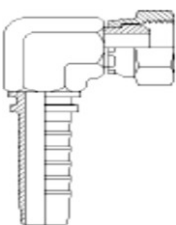
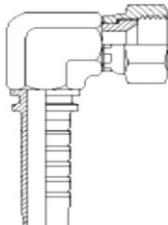
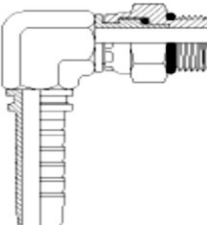
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R1AT / R2AT 45 Degree

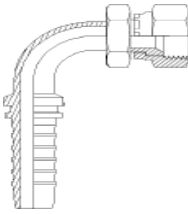
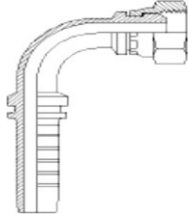
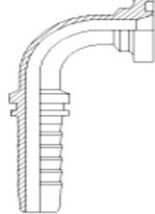
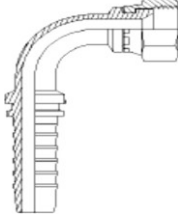
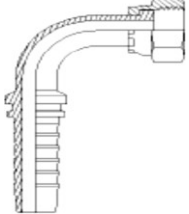
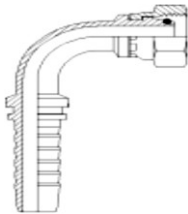
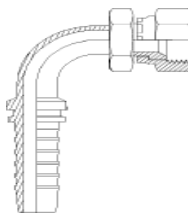
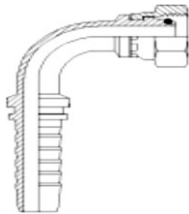
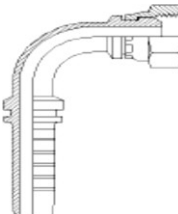
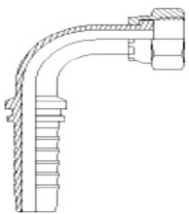
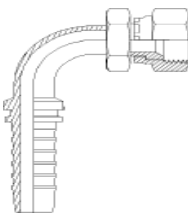
J0217	J0238	J0253	J0269	J0267	J0289
					
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G0269	G0276	G0267	G02MMS	G0289
				
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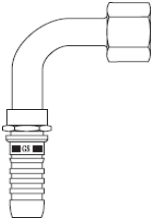
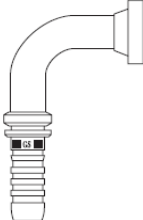
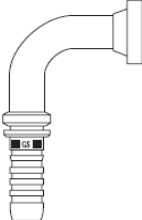
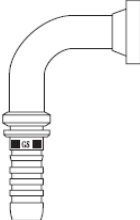
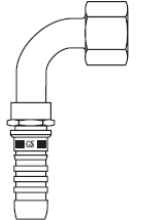
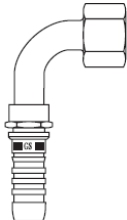
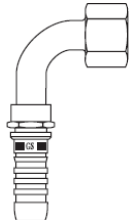
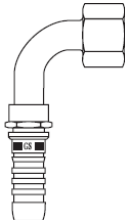
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Multi-Spiral 90 Degree (-8 to -20)

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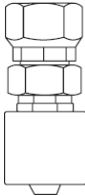
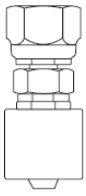
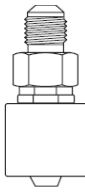
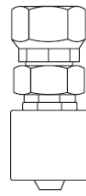
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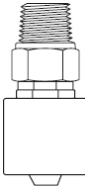
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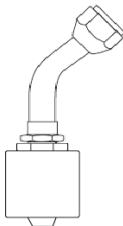
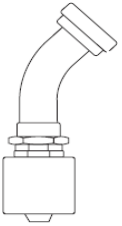
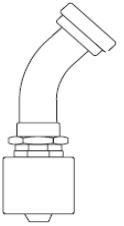
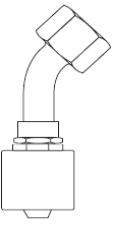
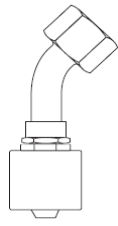
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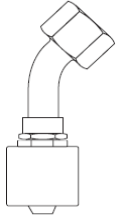
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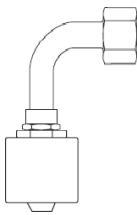
J0489-1P



One Piece
ORFS Female
Swept
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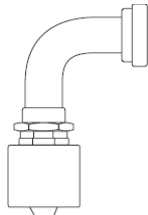
Multi-Spiral 90 Degree (-24 & -32)

G0417-1P



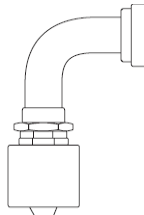
One Piece
BSPP Female
Swept
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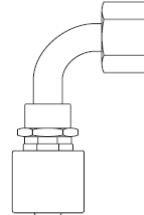
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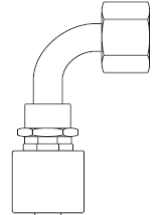
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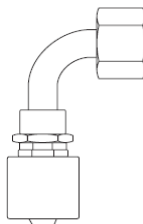
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JIC Female
Swept
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G0469-1P



One Piece
Metric Heavy
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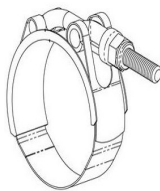
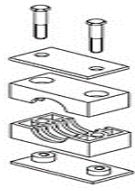
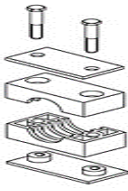
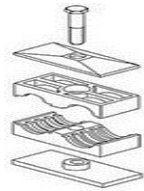
One Piece
ORFS Female
Swept
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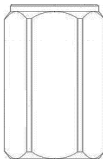
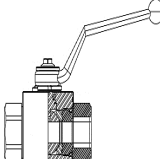
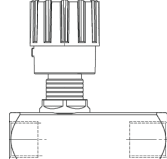
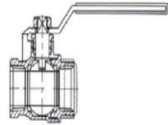
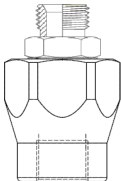
All Prices Exclude GST

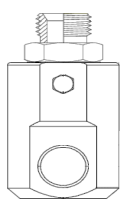
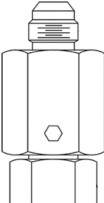
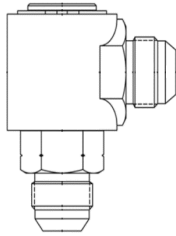
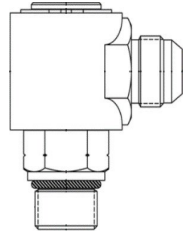
CONTENTS

ASSOCIATED ITEMS

OIL	SC	CC	CP	CF	MSHT
					
ISO Grade 46 & 68 Hydraulic Oil	T-Bolt Super Clamps	Single Tube Clamps	Single Tube Clamps Heavy Duty	Double Tube Clamps	Hydraulic Tube Imperial & Metric
Page 130	Page 131	Page 135	Page 135	Page 136	Page 136

Valves

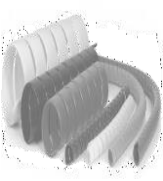
CV	STBV	FCV	LPBV	SWV-BPM-BPF
				
Inline Check Valve	High Pressure Ball Valve	Flow Control Valve Reverse Check	Low Pressure Ball Valve	BSPP Rotating Coupling Straight (Live Swivel)
Page 137	Page 137	Page 137	Page 137	Page 138

SWV-BPM-BPF-90C	SWV-JIM-JIF	SWV-JIM-JIM-90C	SWV-JIM-UNM-90C
			
BSPP Rotating Coupling 90° (Live Swivel)	JIC Rotating Coupling Straight (Live Swivel)	JIC Rotating Coupling 90° (Live Swivel)	JIC x UNO Rotating Coupling 90° (Live Swivel)
Page 138	Page 138	Page 138	Page 138

All Prices Exclude GST

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Hose Protection

HS	FS	WFS	SG	RCPP	SPRING
					
Anti-Abrasion Burst Sleeve	Fire Proof Sleeve	Waterproof Velcro Fast Sleeve	Plastic Spiral Guard	PVC P-Clamp	Spring Guard
Page 139	Page 140	Page 139	Page 139	Page 140	Page 139

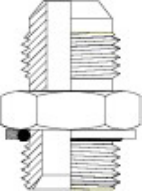
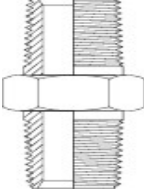
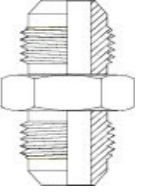
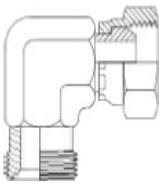
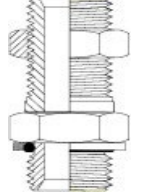
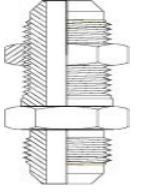
SP

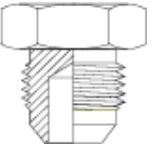
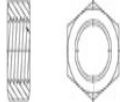
Service Plug Kits
Page 140

CONTENTS

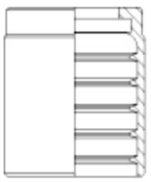
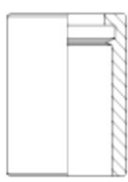
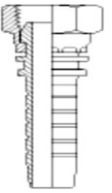
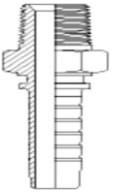
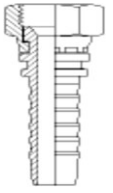
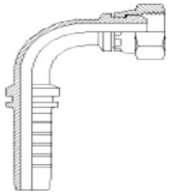
STAINLESS STEEL FITTINGS

Adaptors

SA1050	SA2222	SA5050	SB1017	SA1025	SA5051
					
BSPP Male JIC Male Stainless	BSPT Male BSPT Male Stainless	JIC Male JIC Male Stainless	BSPP Male BSPP Female Swivel 90° Stainless	BSPP Male BSPP Male Bulkhead Stainless	JIC Male JIC Male Bulkhead Stainless
Page 142	Page 142	Page 142	Page 142	Page 143	Page 143

SF54	SF50	S-BLN
		
JIC Cap Stainless	JIC Plug Stainless	BSPP Locking Nut Stainless
Page 143	Page 143	Page 143

Two Piece Hosetails

S-SN02	FR14	SA0217	SA0222	SA0253	SG0217
					
SAE 100R1AT / R2AT Dual Purpose Crimp Ferrule Stainless	SAE 100R14 Crimp Ferrule Stainless	Two Piece Crimp BSPP Female Stainless	Two Piece Crimp BSPT Male Stainless	Two Piece Crimp JIC Female Stainless	Two Piece Crimp BSPP Female 90° Stainless
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HYDRAULIC HOSE



CR1	CR2	R17	MXT	PW6K	MXG4K
					
Gates CR1 SAE 100R1AT Single Braid Hose Page 146	Gates CR2 SAE 100R2AT Double Braid Hose Page 147	Gates M3K SAE 100R17 Braid Hose Page 148	Gates MXT SAE 100R16 Braid Hose Page 148	Gates Cleanmaster Pressure Wash Hose Page 149	Gates MXG4K 4,000 PSI Braided Hose Page 149
R4K	6RK	GMV	MEGATECH 1000	R4	R5
					
Gates EFG4K Multi-Spiral 4,000 PSI Hose Page 150	Gates EFG6K Multi-Spiral 6,000 PSI Hose Page 150	Gates Multimaster GMV Suction Hose Page 151	Gates Megatech 1000 High Temp Air Brake Hose Page 151	SAE 100R4 Suction Delivery Hose Page 152	SAE 100R5 High Temp Textile/Steel Braid Hose Page 152
LOLA	PS-188	MP	R14		
					
Gates LOLA Push Lock Hose Page 153	Gates PS-188 Power Steering Hose Page 153	Multi-Purpose Red Hose Page 154	SAE 100R14 Stainless Steel Teflon Hose Page 154		

Gates® products not listed are available upon request.

All Prices Exclude GST

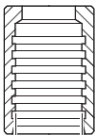
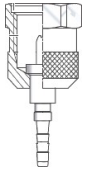
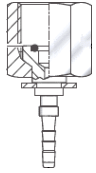
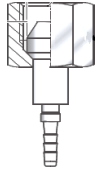
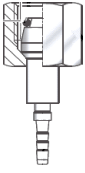
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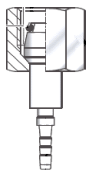
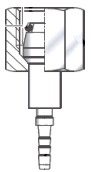
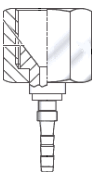
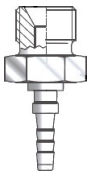
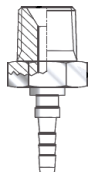
GAUGES & TEST HOSES

Gauges

PG63B	PG63B D	PG100B	PGK-2	PGK-1D	PGK-3
					
63mm Pressure Gauge Bottom Entry	63mm Pressure Gauge Bottom Entry Digital	100mm Pressure Gauge Bottom Entry	Pressure Gauge Kit C/W Assorted Fittings	Pressure Gauge Kit C/W Assorted Fittings Digital	Pressure Gauge Test Kit
Page 156	Page 156	Page 156	Page 157	Page 157	Page 157

Test Hose & Hosetails

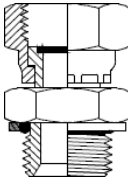
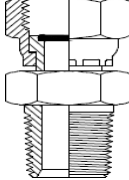
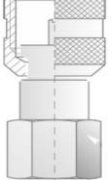
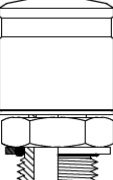
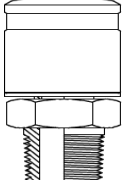
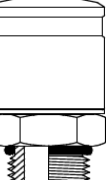
T2H	TSF	TST-T20	TST-BGF	TST-BSF	TST-MLF
					
Test Hose 630 BAR	Test Hose Crimp Ferrule	Two Piece Crimp Test 20 Coupling	Two Piece Crimp Gauge Female	Two Piece Crimp BSPP Female	Two Piece Crimp Metric Light Female
Page 158	Page 158	Page 158	Page 158	Page 158	Page 159

TST-MLLF	TST-MHF	TST-JIF	TST-BPM	TST-BTM
				
Two Piece Crimp Metric Extra Light Female	Two Piece Crimp Metric Heavy Female	Two Piece Crimp JIC Female	Two Piece Crimp BSPP Male Cone Seated	Two Piece Crimp BSPT Male
Page 159	Page 159	Page 159	Page 159	Page 159

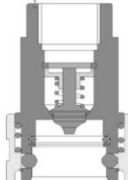
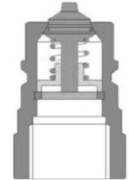
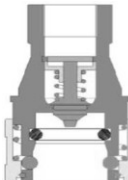
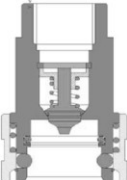
All Prices Exclude GST

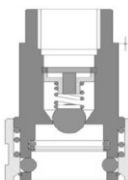
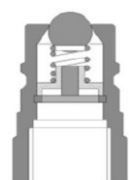
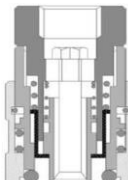
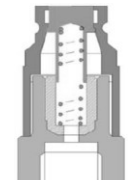
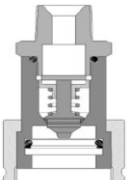
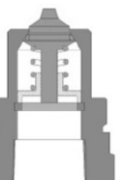
CONTENTS

Test / Gauge Adaptors

BGF-BPM	BGF-BTM	BGF-TEST	BPM-TEST	BTM-TEST	UNM-TEST
					
BSPP Male Gauge Female Swivel	BSPT Male Gauge Female Swivel	Gauge Female Test 20 Female	BSPP Male Test 20 Male	BSPT Male Test 20 Male	UNO Male Test 20 Male
Page 160	Page 160	Page 160	Page 160	Page 160	Page 160

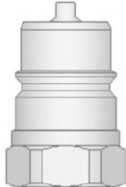
QUICK RELEASE COUPLINGS

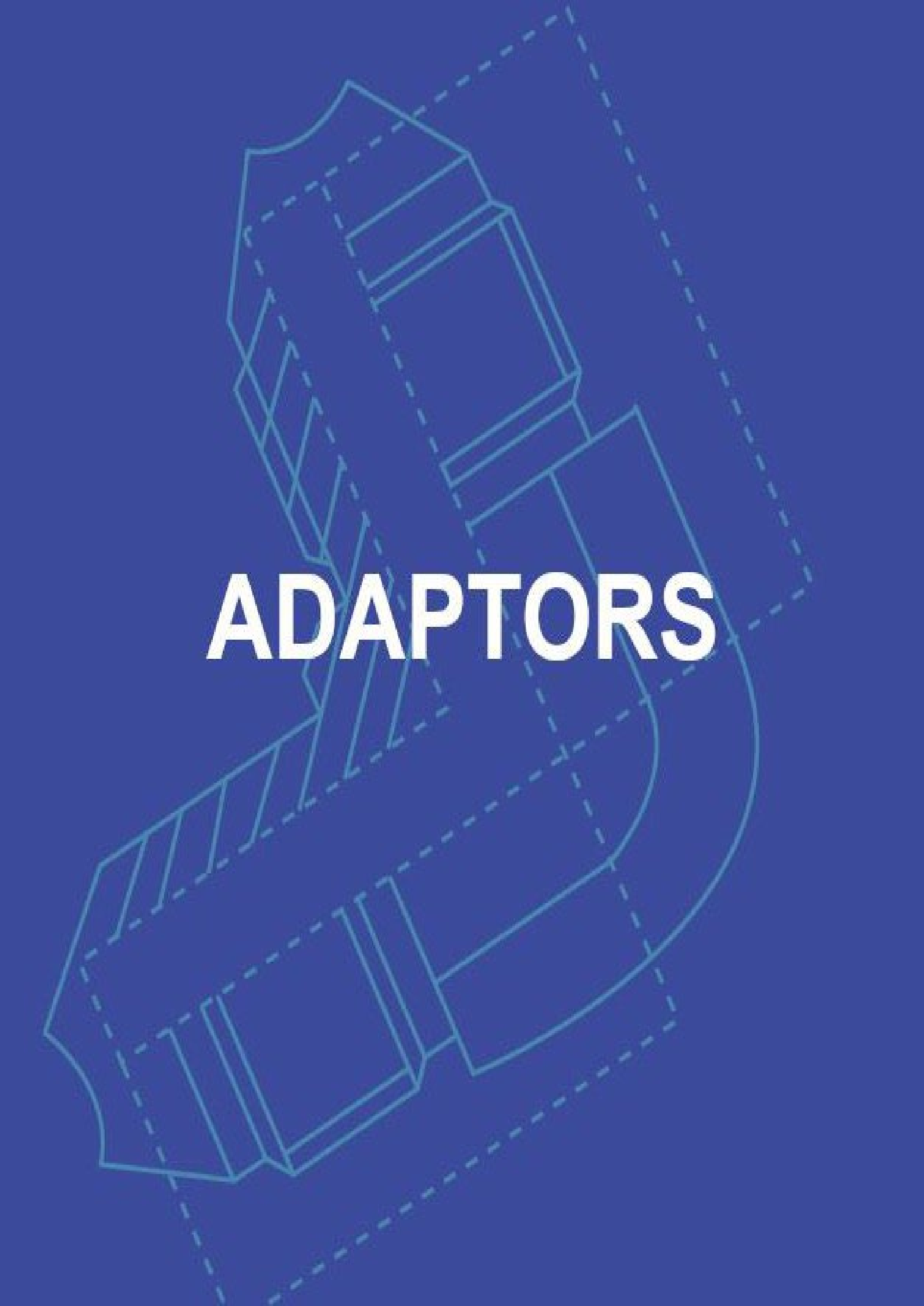
QRC-A-F	QRC-A-M	QRC-B-F	QRC-B-M	DIN-F	DIN-M
					
ISO 7241-1 A Poppet Series Female	ISO 7241-1 A Poppet Series Male	ISO 7241-1 B Poppet Series Female	ISO 7241-1 B Poppet Series Male	ISO 7241-1 NV Poppet Series Female	ISO 7241-1 NV Poppet Series Male
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BALL-F	BALL-M	FF-F	FF-M	JACK-F	JACK-M
					
ISO 7241-1 Ball Series Female	ISO 7241-1 Ball Series Male	ISO 16028 Flat Face Female	ISO 16028 Flat Face Male	700 BAR Jacking Screw Together Female	700 BAR Jacking Screw Together Male
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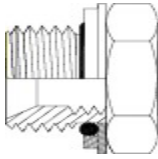
PBR-F	PBR-M	TEMA-F	TEMA-M
			
PBR Truck Interchange Female	PBR Truck Interchange Male	TEMA Interchange Female	TEMA Interchange Male
Page 168	Page 168	Page 169	Page 169

A technical line drawing of a mechanical assembly, possibly a camera lens or optical system, rendered in white lines on a blue background. The drawing shows a complex arrangement of cylindrical and rectangular components, with dashed lines indicating internal or hidden parts. The word "ADAPTORS" is overlaid in large, bold, white capital letters.

ADAPTORS

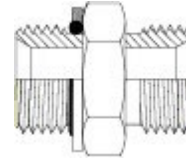
Straight Adaptors

BSPP Male x BSPP Female Reducer/Expander



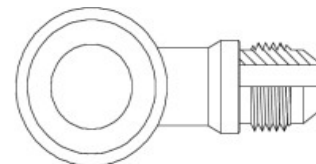
A10200204	1/8 BSPPM x 1/4 BSPPF
A10200402	1/4 BSPPM x 1/8 BSPPF
A10200404	1/4 BSPPM X 1/4 BSPPF
A10200406	1/4 BSPPM x 3/8 BSPPF
A10200602	3/8 BSPPM x 1/8 BSPPF
A10200604	3/8 BSPPM x 1/4 BSPPF
A10200606	3/8 BSPPM x 3/8 BSPPF
A10200608	3/8 BSPPM x 1/2 BSPPF
A10200804	1/2 BSPPM x 1/4 BSPPF
A10200806	1/2 BSPPM x 3/8 BSPPF
A10200808	1/2 BSPPM x 1/2 BSPPF
A10200812	1/2 BSPPM x 3/4 BSPPF
A10201204	3/4 BSPPM x 1/4 BSPPF
A10201206	3/4 BSPPM x 3/8 BSPPF
A10201208	3/4 BSPPM x 1/2 BSPPF
A10201212	3/4 BSPPM x 3/4 BSPPF
A10201216	3/4 BSPPM x 1 BSPPF
A10201606	1 BSPPM x 3/8 BSPPF
A10201608	1 BSPPM x 1/2 BSPPF
A10201612	1 BSPPM x 3/4 BSPPF
A10201616	1 BSPPM x 1 BSPPF
A10201620	1 BSPPM X 1-1/4 BSPPF
A10202008	1-1/4 BSPPM x 1/2 BSPPF
A10202012	1-1/4 BSPPM x 3/4 BSPPF
A10202016	1-1/4 BSPPM x 1 BSPPF
A10202020	1-1/4 BSPPM X 1-1/4 BSPPF
A10202416	1-1/2 BSPPM x 1 BSPPF
A10202420	1-1/2 BSPPM x 1-1/4 BSPPF
A10203224	2 BSPPM x 1-1/2 BSPPF

BSPP Male x BSPP Male Nipple



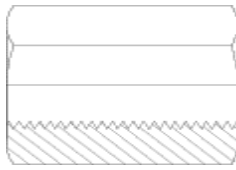
A10100202	1/8 BSPPM x 1/8 BSPPM
A10100204	1/8 BSPPM x 1/4 BSPPM
A10100404	1/4 BSPPM x 1/4 BSPPM
A10100406	1/4 BSPPM x 3/8 BSPPM
A10100408	1/4 BSPPM x 1/2 BSPPM
A10100606	3/8 BSPPM x 3/8 BSPPM
A10100608	3/8 BSPPM x 1/2 BSPPM
A10100612	3/8 BSPPM x 3/4 BSPPM
A10100808	1/2 BSPPM x 1/2 BSPPM
A10100810	1/2 BSPPM x 5/8 BSPPM
A10100812	1/2 BSPPM x 3/4 BSPPM
A10100816	1/2 BSPPM x 1 BSPPM
A10101010	5/8 BSPPM x 5/8 BSPPM
A10101212	3/4 BSPPM x 3/4 BSPPM
A10101216	3/4 BSPPM x 1 BSPPM
A10101220	3/4 BSPPM x 1-1/4 BSPPM
A10101616	1 BSPPM x 1 BSPPM
A10101620	1 BSPPM x 1-1/4 BSPPM
A10101624	1 BSPPM X 1-1/2 BSPPM
A10102020	1-1/4 BSPPM x 1-1/4 BSPPM
A10102024	1-1/4 BSPPM x 1-1/2 BSPPM
A10102424	1-1/2 BSPPM x 1-1/2 BSPPM
A10102432	1-1/2 BSPPM x 2 BSPPM
A10103232	2 BSPPM x 2 BSPPM

BSP Banjo x JIC Male



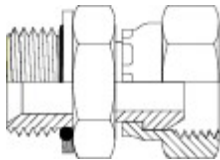
A25500407	1/4 BSP Banjo x 7/16 JICM
A25500409	1/4 BSP Banjo x 9/16 JICM
A25500609	3/8 BSP Banjo x 9/16 JICM
A25500612	3/8 BSP Banjo x 3/4 JICM
A25500812	1/2 BSP Banjo x 3/4 JICM

BSPP Socket



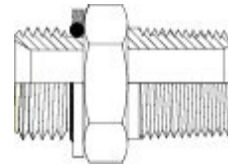
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A20200404	1/4 BSPP Socket
A20200606	3/8 BSPP Socket
A20200808	1/2 BSPP Socket
A20201212	3/4 BSPP Socket
A20201616	1 BSPP Socket
A20202020	1-1/4 BSPP Socket
A20202424	1-1/2 BSPP Socket

BSPP Male x BSPP Female Swivel



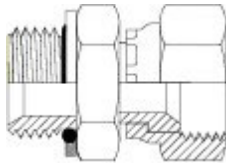
A10170204	1/8 BSPPM x 1/4 BSPPF
A10170404	1/4 BSPPM x 1/4 BSPPF
A10170406	1/4 BSPPM x 3/8 BSPPF
A10170604	3/8 BSPPM x 1/4 BSPPF
A10170606	3/8 BSPPM x 3/8 BSPPF
A10170608	3/8 BSPPM x 1/2 BSPPF
A10170806	1/2 BSPPM x 3/8 BSPPF
A10170808	1/2 BSPPM x 1/2 BSPPF
A10170812	1/2 BSPPM x 3/4 BSPPF
A10171212	3/4 BSPPM x 3/4 BSPPF
A10171216	3/4 BSPPM x 1 BSPPF
A10171612	1 BSPPM x 3/4 BSPPF
A10171616	1 BSPPM x 1 BSPPF
A10171620	1 BSPPM x 1-1/4 BSPPF
A10172016	1-1/4 BSPPM x 1 BSPPF
A10172020	1-1/4 BSPPM x 1-1/4 BSPPF
A10172424	1-1/2 BSPPM x 1-1/2 BSPPF
A10173232	2 BSPPM x 2 BSPPF

BSPP Male x BSPT Male Nipple



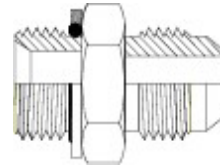
A10220202	1/8 BSPPM x 1/8 BSPTM
A10220204	1/8 BSPPM x 1/4 BSPTM
A10220402	1/4 BSPPM x 1/8 BSPTM
A10220404	1/4 BSPPM x 1/4 BSPTM
A10220406	1/4 BSPPM x 3/8 BSPTM
A10220408	1/4 BSPPM x 1/2 BSPTM
A10220604	3/8 BSPPM x 1/4 BSPTM
A10220606	3/8 BSPPM x 3/8 BSPTM
A10220608	3/8 BSPPM x 1/2 BSPTM
A10220612	3/8 BSPPM x 3/4 BSPTM
A10220804	1/2 BSPPM x 1/4 BSPTM
A10220806	1/2 BSPPM x 3/8 BSPTM
A10220808	1/2 BSPPM x 1/2 BSPTM
A10220812	1/2 BSPPM x 3/4 BSPTM
A10220816	1/2 BSPPM x 1 BSPTM
A10221206	3/4 BSPPM x 3/8 BSPTM
A10221208	3/4 BSPPM x 1/2 BSPTM
A10221212	3/4 BSPPM x 3/4 BSPTM
A10221216	3/4 BSPPM x 1 BSPTM
A10221220	3/4 BSPPM x 1-1/4 BSPTM
A10221608	1 BSPPM x 1/2 BSPTM
A10221612	1 BSPPM x 3/4 BSPTM
A10221616	1 BSPPM x 1 BSPTM
A10221620	1 BSPPM x 1-1/4 BSPTM
A10222016	1-1/4 BSPPM x 1 BSPTM
A10222020	1-1/4 BSPPM x 1-1/4 BSPTM
A10222024	1-1/4 BSPPM x 1-1/2 BSPTM
A10222416	1-1/2 BSPPM x 1 BSPTM
A10222420	1-1/2 BSPPM x 1-1/4 BSPTM
A10222424	1-1/2 BSPPM x 1-1/2 BSPTM
A10223232	2 BSPPM x 2 BSPTM

BSPP Male x JIC Female Swivel



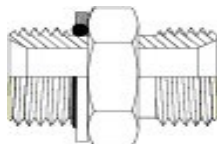
A10530207	1/8 BSPPM x 7/16 JICFS
A10530407	1/4 BSPPM x 7/16 JICFS
A10530409	1/4 BSPPM x 9/16 JICFS
A10530412	1/4 BSPPM x 3/4 JICFS
A10530607	3/8 BSPPM x 7/16 JICFS
A10530609	3/8 BSPPM x 9/16 JICFS
A10530612	3/8 BSPPM x 3/4 JICFS
A10530614	3/8 BSPPM x 7/8 JICFS
A10530809	1/2 BSPPM x 9/16 JICFS
A10530812	1/2 BSPPM x 3/4 JICFS
A10530814	1/2 BSPPM x 7/8 JICFS
A10530817	1/2 BSPPM x 1-1/16 JICFS
A10531214	3/4 BSPPM x 7/8 JICFS
A10531217	3/4 BSPPM x 1-1/16 JICFS
A10531221	3/4 BSPPM x 1-5/16 JICFS
A10531617	1 BSPPM x 1-1/16 JICFS
A10531621	1 BSPPM x 1-5/16 JICFS
A10532021	1-1/4 BSPPM x 1-5/16 JICFS
A10532026	1-1/4 BSPPM x 1-5/8 JICFS
A10532430	1-1/2 BSPPM x 1-7/8 JICFS

BSPP Male x JIC Male Nipple



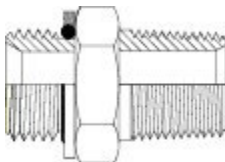
A10500207	1/8 BSPPM x 7/16 JICM
A10500208	1/8 BSPPM x 1/2 JICM
A10500209	1/8 BSPPM x 9/16 JICM
A10500407	1/4 BSPPM x 7/16 JICM
A10500408	1/4 BSPPM x 1/2 JICM
A10500409	1/4 BSPPM x 9/16 JICM
A10500412	1/4 BSPPM x 3/4 JICM
A10500607	3/8 BSPPM x 7/16 JICM
A10500608	3/8 BSPPM x 1/2 JICM
A10500609	3/8 BSPPM x 9/16 JICM
A10500612	3/8 BSPPM x 3/4 JICM
A10500614	3/8 BSPPM x 7/8 JICM
A10500617	3/8 BSPPM x 1-1/16 JICM
A10500807	1/2 BSPPM x 7/16 JICM
A10500809	1/2 BSPPM x 9/16 JICM
A10500812	1/2 BSPPM x 3/4 JICM
A10500814	1/2 BSPPM x 7/8 JICM
A10500817	1/2 BSPPM x 1-1/16 JICM
A10500821	1/2 BSPPM x 1-5/16 JICM
A10501209	3/4 BSPPM x 9/16 JICM
A10501212	3/4 BSPPM x 3/4 JICM
A10501214	3/4 BSPPM x 7/8 JICM
A10501217	3/4 BSPPM x 1-1/16 JICM
A10501219	3/4 BSPPM x 1-3/16 JICM
A10501221	3/4 BSPPM x 1-5/16 JICM
A10501612	1 BSPPM x 3/4 JICM
A10501614	1 BSPPM x 7/8 JICM
A10501617	1 BSPPM x 1-1/16 JICM
A10501619	1 BSPPM x 1-3/16 JICM
A10501621	1 BSPPM x 1-5/16 JICM
A10501626	1 BSPPM x 1-5/8 JICM
A10502017	1-1/4 BSPPM x 1-1/16 JICM
A10502021	1-1/4 BSPPM x 1-5/16 JICM
A10502026	1-1/4 BSPPM x 1-5/8 JICM
A10502030	1 1/4 BSPPM x 1 7/8 JICM
A10502421	1-1/2 BSPPM x 1-5/16 JICM
A10502426	1-1/2 BSPPM x 1-5/8 JICM
A10502430	1-1/2 BSPPM x 1-7/8 JICM
A10503230	2 BSPPM x 1-7/8 JICM
A10503240	2 BSPPM x 2-1/2 JICM

BSPP Male x Metric Stud Male Nipple



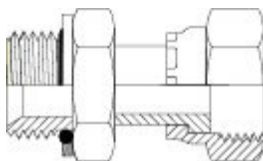
A10610414	1/4 BSPPM x M14X1.5
A10610416	1/4 BSPPM x M16X1.5
A10610418	1/4 BSPPM x M18X1.5
A10610614	3/8 BSPPM x M14X1.5
A10610616	3/8 BSPPM x M16X1.5
A10610618	3/8 BSPPM x M18X1.5
A10610818	1/2 BSPPM x M18X1.5
A10611222	3/4 BSPPM x M22X1.5
A10611230	3/4 BSPPM x M30X2

BSPP Male x NPT Male Nipple



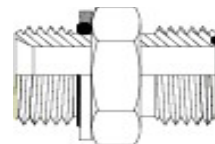
A10340404	1/4 BSPP x 1/4 NPTM
A10340606	3/8 BSPP x 3/8 NPTM
A10340808	1/2 BSPP x 1/2 NPTM
A10341212	3/4 BSPP x 3/4 NPTM
A10341616	1 BSPP x 1 NPTM
A10342020	1-1/4 BSPP x 1-1/4 NPTM
A10342424	1-1/2 BSPP x 1-1/2 NPTM
A10343232	2 BSPP x 2 NPTM

BSPP Male x ORFS Female Swivel



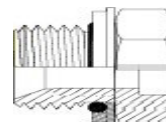
A10890409	1/4 BSPP x 9/16 ORFSF
A10890411	1/4 BSPP x 11/16 ORFSF
A10890611	3/8 BSPP x 11/16 ORFSF
A10890613	3/8 BSPP x 13/16 ORFSF
A10890813	1/2 BSPP x 13/16 ORFSF
A10890816	1/2 BSPP x 1 ORFSF
A10891219	3/4 BSPP x 1-3/16 ORFSF
A10891623	1 BSPP x 1-7/16 ORFSF

BSPP Male x ORFS Male Nipple



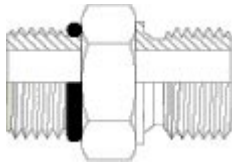
A10880209	1/8 BSPPM x 9/16 ORFSM
A10880409	1/4 BSPPM x 9/16 ORFSM
A10880411	1/4 BSPPM x 11/16 ORFSM
A10880413	1/4 BSPPM x 13/16 ORFSM
A10880609	3/8 BSPPM x 9/16 ORFSM
A10880611	3/8 BSPPM x 11/16 ORFSM
A10880613	3/8 BSPPM x 13/16 ORFSM
A10880809	1/2 BSPPM x 9/16 ORFSM
A10880811	1/2 BSPPM x 11/16 ORFSM
A10880813	1/2 BSPPM x 13/16 ORFSM
A10880816	1/2 BSPPM x 1 ORFSM
A10880819	1/2 BSPPM x 1-3/16 ORFSM
A10881213	3/4 BSPPM x 13/16 ORFSM
A10881216	3/4 BSPPM x 1 ORFSM
A10881219	3/4 BSPPM x 1-3/16 ORFSM
A10881223	3/4 BSPPM x 1-7/16 ORFSM
A10881619	1 BSPPM x 1-3/16 ORFSM
A10881623	1 BSPPM x 1-7/16 ORFSM
A10881627	1 BSPPM x 1-11/16 ORFSM
A10882023	1-1/4 BSPPM x 1-7/16 ORFSM
A1088-2027	1-1/4 BSPPM x 1-11/16 ORFSM
A10882432	1-1/2 BSPPM x 2 ORFSM

BSPP Male Tube Weld



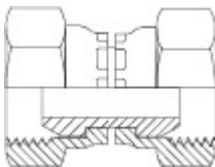
A10960404	1/4 BSPPM x 1/4 OD Tubeweld
A10960406	1/4 BSPPM x 3/8 OD Tubeweld
A10960606	3/8 BSPPM x 3/8 OD Tubeweld
A10960608	3/8 BSPPM x 1/2 OD Tubeweld
A10960808	1/2 BSPPM x 1/2 OD Tubeweld
A10960810	1/2 BSPPM x 5/8 OD Tubeweld
A10960812	1/2 BSPPM x 3/4 OD Tubeweld
A10961212	3/4 BSPPM x 3/4 OD Tubeweld
A10961216	3/4 BSPPM x 1 OD Tubeweld
A10961616	1 BSPPM x 1 OD Tubeweld
A10961620	1 BSPPM x 1-1/4 OD Tubeweld
A10962020	1-1/4 BSPPM x 1-1/4 OD Tubeweld
A10962420	1-1/2 BSPPM x 1-1/4 OD Tubeweld
A10962432	1-1/2 BSPPM x 2 OD Tubeweld

BSPP Male x UNO Male Nipple



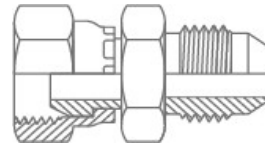
A10560407	1/4 BSPPM x 7/16 UNOM
A10560408	1/4 BSPPM x 1/2 UNOM
A10560409	1/4 BSPPM x 9/16 UNOM
A10560412	1/4 BSPPM x 3/4 UNOM
A10560607	3/8 BSPPM x 7/16 UNOM
A10560608	3/8 BSPPM x 1/2 UNOM
A10560609	3/8 BSPPM x 9/16 UNOM
A10560612	3/8 BSPPM x 3/4 UNOM
A10560614	3/8 BSPPM x 7/8 UNOM
A10560809	1/2 BSPPM x 9/16 UNOM
A10560812	1/2 BSPPM x 3/4 UNOM
A10560814	1/2 BSPPM x 7/8 UNOM
A10560817	1/2 BSPPM x 1-1/16 UNOM
A10561212	3/4 BSPPM x 3/4 UNOM
A10561214	3/4 BSPPM x 7/8 UNOM
A10561217	3/4 BSPPM x 1-1/16 UNOM
A10561219	3/4 BSPPM x 1-3/16 UNOM
A10561221	3/4 BSPPM x 1-5/16 UNOM
A10561617	1 BSPPM x 1-1/16 UNOM
A10561619	1 BSPPM x 1-3/16 UNOM
A10561621	1 BSPPM x 1-5/16 UNOM
A10561626	1 BSPPM x 1-5/8 UNOM
A10562026	1-1/4 BSPPM x 1-5/8 UNOM

BSPP Female Swivel x BSPP Female Swivel



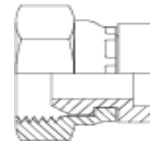
A17170404	1/4 BSPFS x 1/4 BSPFS
A17170606	3/8 BSPFS x 3/8 BSPFS
A17170808	1/2 BSPFS x 1/2 BSPFS
A17171212	3/4 BSPFS x 3/4 BSPFS
A17171616	1 BSPFS x 1 BSPFS

BSPP Female Swivel x JIC Male



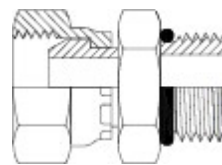
A17500812	1/2 BSPFS x 3/4 JICM
A17501217	3/4 BSPFS x 1-1/16 JICM
A17501617	1 BSPFS x 1-1/16 JICM

BSPP Female Swivel Tube Weld



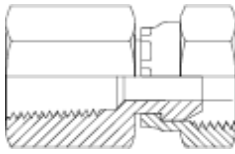
A17960404	1/4 BSPFS x 1/4 OD Tubeweld
A17960606	3/8 BSPFS x 3/8 OD Tubeweld
A17960608	3/8 BSPFS x 1/2 OD Tubeweld
A17960808	1/2 BSPFS x 1/2 OD Tubeweld
A17961212	3/4 BSPFS x 3/4 OD Tubeweld
A17961616	1 BSPFS x 1 OD Tubeweld
A17962020	1-1/4 BSPFS x 1-1/4 OD Tubeweld
A17962424	1-1/2 BSPFS x 1-1/2 OD Tubeweld
A17963232	2 BSPFS x 2 OD Tubeweld

BSPP Female Swivel x UNO Male



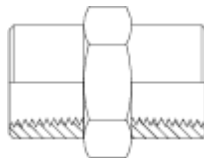
A17560407	1/4 BSPTF x 7/16 UNOM
A17560409	1/4 BSPTF x 9/16 UNOM
A17560609	3/8 BSPFS x 9/16 UNOM
A17560612	3/8 BSPFS x 3/4 UNOM
A17560614	3/8 BSPFS x 7/8 UNOM
A17560812	1/2 BSPFS x 3/4 UNOM
A17560814	1/2 BSPFS x 7/8 UNOM
A17561217	3/4 BSPPFS x 1-1/16 UNOM
A17561617	1 BSPPFS x 1-1/16 UNOM
A17561621	1 BSPPFS x 1-5/16 UNOM

BSPT Fixed Female x BSPP Female Swivel



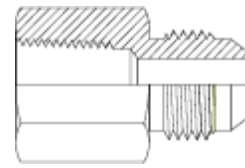
A24170404	1/4 BSPTF x 1/4 BSPFS
A24170606	3/8 BSPTF x 3/8 BSPFS
A24170808	1/2 BSPTF x 1/2 BSPFS
A24171212	3/4 BSPTF x 3/4 BSPFS
A24171616	1 BSPTF x 1 BSPFS

BSPT Female Socket



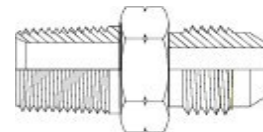
A24240202	1/8 BSPTF Socket
A24240204	1/8 BSPTF x 1/4 BSPTF Socket
A24240206	1/8 BSPTF x 3/8 BSPTF Socket
A24240404	1/4 BSPTF Socket
A24240406	1/4 BSPTF x 3/8 BSPTF Socket
A24240408	1/4 BSPTF x 1/2 BSPTF Socket
A24240606	3/8 BSPTF Socket
A24240608	3/8 BSPTF x 1/2 BSPTF Socket
A24240612	3/8 BSPTF x 3/4 BSPTF Socket
A24240808	1/2 BSPTF Socket
A24240812	1/2 BSPTF x 3/4 BSPTF Socket
A24241212	3/4 BSPTF Socket
A24241216	3/4 BSPTF x 1 BSPTF Socket
A24241616	1 BSPTF Socket
A24241620	1 BSPTF x 1-1/4 BSPTF Socket
A24242020	1-1/4 BSPTF Socket
A24242424	1-1/2 BSPTF Socket
A24243232	2 BSPTF Socket

BSPT Female Fixed x JIC Male



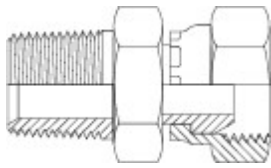
A24500207	1/8 BSPTF X 7/16 JICM
A24500407	1/4 BSPTF X 7/16 JICM
A24500409	1/4 BSPTF X 9/16 JICM
A24500609	3/8 BSPTF X 9/16 JICM
A24500612	3/8 BSPTF X 3/4 JICM
A24500809	1/2 BSPT F x 9/16 JICM
A24500812	1/2 BSPTF X 3/4 JICM
A24500814	1/2 BSPTF X 7/8 JICM
A24500817	1/2 BSPTF X 1-1/16 JICM
A24501217	3/4 BSPTF X 1-1/16 JICM
A24501621	1 BSPTF X 1-5/16 JICM

BSPT Male x JIS (BSP) Male Nipple



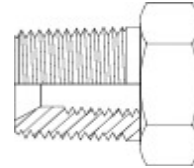
A22150404	1/4 BSPTM x 1/4 JIS BSP
A22150606	3/8 BSPTM x 3/8 JIS BSP
A22150808	1/2 BSPTM x 1/2 JIS BSP
A22151212	3/4 BSPTM x 3/4 JIS BSP
A22151616	1 BSPTM x 1 JIS BSP

BSPT Male x BSPP Female Swivel



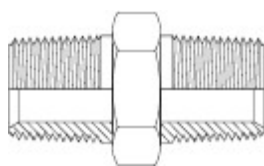
A22170202	1/8 BSPTM x 1/8 BSPFS
A22170204	1/8 BSPTM x 1/4 BSPFS
A22170404	1/4 BSPTM x 1/4 BSPFS
A22170406	1/4 BSPTM x 3/8 BSPFS
A22170408	1/4 BSPTM x 1/2 BSPFS
A22170604	3/8 BSPTM x 1/4 BSPFS
A22170606	3/8 BSPTM x 3/8 BSPFS
A22170608	3/8 BSPTM x 1/2 BSPFS
A22170804	1/2 BSPTM X 1/4 BSPFS
A22170806	1/2 BSPTM x 3/8 BSPFS
A22170808	1/2 BSPTM x 1/2 BSPFS
A22170812	1/2 BSPTM x 3/4 BSPFS
A22170816	1/2 BSPTM x 1 BSPFS
A22171208	3/4 BSPTM x 1/2 BSPFS
A22171212	3/4 BSPTM x 3/4 BSPFS
A22171216	3/4 BSPTM x 1 BSPFS
A22171612	1 BSPTM x 3/4 BSPFS
A22171616	1 BSPTM x 1 BSPFS
A22171620	1 BSPTM x 1-1/4 BSPFS
A22172016	1-1/4 BSPTM x 1 BSPFS
A22172020	1-1/4 BSPTM x 1-1/4 BSPFS
A22172024	1-1/4 BSPTM x 1-1/2 BSPFS
A22172424	1-1/2 BSPTM X 1-1/2 BSPFS
A22173232	2 BSPTM X 2 BSPFS

BSPT Male x BSPT Female Reducer/Expander



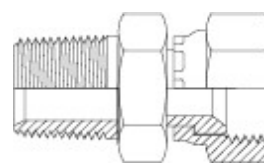
A22240202	1/8 BSPTM x 1/8 BSPTF
A22240204	1/8 BSPTM X 1/4 BSPTF
A22240402	1/4 BSPTM x 1/8 BSPTF
A22240404	1/4 BSPTM X 1/4 BSPTF
A22240406	1/4 BSPTM X 3/8 BSPTF
A22240408	1/4 BSPTM X 1/2 BSPTF
A22240602	3/8 BSPTM x 1/8 BSPTF
A22240604	3/8 BSPTM x 1/4 BSPTF
A22240606	3/8 BSPTM X 3/8 BSPTF
A22240608	3/8 BSPTM x 1/2 BSPTF
A22240802	1/2 BSPTM x 1/8 BSPTF
A22240804	1/2 BSPTM x 1/4 BSPTF
A22240806	1/2 BSPTM x 3/8 BSPTF
A22240808	1/2 BSPTM x 1/2 BSPTF
A22240812	1/2 BSPTM X 3/4 BSPTF
A22241204	3/4 BSPTM x 1/4 BSPTF
A22241206	3/4 BSPTM x 3/8 BSPTF
A22241208	3/4 BSPTM x 1/2 BSPTF
A22241212	3/4 BSPTM X 3/4 BSPTF
A22241216	3/4 BSPTM X 1 BSPTF
A22241604	1 BSPTM x 1/4 BSPTF
A22241606	1 BSPTM x 3/8 BSPTF
A22241608	1 BSPTM x 1/2 BSPTF
A22241612	1 BSPTM x 3/4 BSPTF
A22241616	1 BSPTM X 1 BSPTF
A22241620	1 BSPTM X 1-1/4 BSPTF
A22242008	1-1/4 BSPTM x 1/2 BSPTF
A22242012	1-1/4 BSPTM x 3/4 BSPTF
A22242016	1-1/4 BSPTM x 1 BSPTF
A22242020	1-1/4 BSPTM x 1-1/4 BSPTF
A22242412	1-1/2 BSPTM x 3/4 BSPTF
A22242416	1-1/2 BSPTM x 1 BSPTF
A22242420	1-1/2 BSPTM x 1-1/4 BSPTF
A22243216	2 BSPTM x 1 BSPTF
A22243220	2 BSPTM x 1-1/4 BSPTF
A22243224	2 BSPTM x 1-1/2 BSPTF

BSPT Male x BSPT Male Nipple



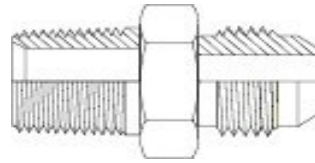
A22220202	1/8 BSPTM x 1/8 BSPTM
A22220204	1/8 BSPTM x 1/4 BSPTM
A22220206	1/8 BSPTM x 3/8 BSPTM
A22220404	1/4 BSPTM x 1/4 BSPTM
A22220406	1/4 BSPTM x 3/8 BSPTM
A22220408	1/4 BSPTM x 1/2 BSPTM
A22220412	1/4 BSPTM x 3/4 BSPTM
A22220606	3/8 BSPTM x 3/8 BSPTM
A22220608	3/8 BSPTM x 1/2 BSPTM
A22220612	3/8 BSPTM x 3/4 BSPTM
A22220616	3/8 BSPTM x 1 BSPTM
A22220808	1/2 BSPTM x 1/2 BSPTM
A22220810	1/2 BSPTM x 5/8 BSPTM
A22220812	1/2 BSPTM x 3/4 BSPTM
A22220816	1/2 BSPTM x 1 BSPTM
A22221010	5/8 BSPTM x 5/8 BSPTM
A22221012	5/8 BSPTM x 3/4 BSPTM
A22221212	3/4 BSPTM x 3/4 BSPTM
A22221216	3/4 BSPTM x 1 BSPTM
A22221220	3/4 BSPTM x 1-1/4 BSPTM
A22221224	3/4 BSPTM x 1-1/2 BSPTM
A22221616	1 BSPTM x 1 BSPTM
A22221620	1 BSPTM x 1-1/4 BSPTM
A22221624	1 BSPTM x 1-1/2 BSPTM
A22222020	1-1/4 BSPTM x 1-1/4 BSPTM
A22222024	1-1/4 BSPTM x 1-1/2 BSPTM
A22222032	1-1/4 BSPTM x 2 BSPTM
A22222424	1-1/2 BSPTM x 1-1/2 BSPTM
A22222432	1-1/2 BSPTM x 2 BSPTM
A22223232	2 BSPTM x 2 BSPTM

BSPT Male x JIC Female Swivel



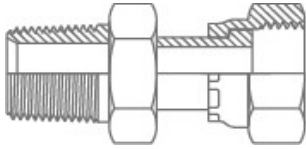
A22530207	1/8 BSPTM x 7/16 JICFS
A22530407	1/4 BSPTM x 7/16 JICFS
A22530409	1/4 BSPTM x 9/16 JICFS
A22530609	3/8 BSPTM x 9/16 JICFS
A22530612	3/8 BSPTM x 3/4 JICFS
A22530614	3/8 BSPTM x 7/8 JICFS
A22530809	1/2 BSPTM x 9/16 JICFS
A22530812	1/2 BSPTM x 3/4 JICFS
A22530814	1/2 BSPTM x 7/8 JICFS
A22530817	1/2 BSPTM X 1-1/16 JICFS
A22531217	3/4 BSPTM x 1-1/16 JICFS
A22531221	3/4 BSPTM X 1-5/16 JICFS
A22531617	1 BSPTM x 1-1/16 JICFS
A22531621	1 BSPTM x 1-5/16 JICFS
A22532026	1-1/4 BSPTM X 1-5/8 JICFS

BSPT Male x JIC Male Nipple



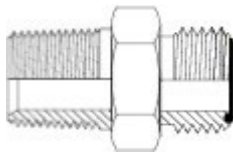
A22500207	1/8 BSPTM x 7/16 JICM
A22500208	1/8 BSPTM x 1/2 JICM
A22500209	1/8 BSPTM x 9/16 JICM
A22500407	1/4 BSPTM x 7/16 JICM
A22500408	1/4 BSPTM x 1/2 JICM
A22500409	1/4 BSPTM x 9/16 JICM
A22500412	1/4 BSPTM x 3/4 JICM
A22500607	3/8 BSPTM x 7/16 JICM
A22500608	3/8 BSPTM X 1/2 JICM
A22500609	3/8 BSPTM x 9/16 JICM
A22500612	3/8 BSPTM x 3/4 JICM
A22500614	3/8 BSPTM x 7/8 JICM
A22500617	3/8 BSPTM X 1-1/16 JICM
A22500807	1/2 BSPTM x 7/16 JICM
A22500809	1/2 BSPTM x 9/16 JICM
A22500812	1/2 BSPTM x 3/4 JICM
A22500814	1/2 BSPTM X 7/8 JICM
A22500817	1/2 BSPTM x 1-1/16 JICM
A22500821	1/2 BSPTM-1-5/16 JICM
A22501209	3/4 BSPTM x 9/16 JICM
A22501212	3/4 BSPTM x 3/4 JICM
A22501214	3/4 BSPTM x 7/8 JICM
A22501217	3/4 BSPTM x 1-1/16 JICM
A22501219	3/4 BSPTM x 1-3/16 JICM
A22501221	3/4 BSPTM x 1-5/16 JICM
A22501612	1 BSPTM x 3/4 JICM
A22501614	1 BSPTM x 7/8 JICM
A22501617	1 BSPTM x 1-1/16 JICM
A22501619	1 BSPTM x 1-3/16 JICM
A22501621	1 BSPTM x 1-5/16 JICM
A22501626	1 BSPTM x 1-5/8 JICM
A22502017	1-1/4 BSPTM x 1-1/16 JICM
A22502021	1-1/4 BSPTM x 1-5/16 JICM
A22502026	1-1/4 BSPTM x 1-5/8 JICM
A22502030	1-1/4 BSPTM x 1-7/8 JICM
A22502421	1-1/2 BSPTM x 1-5/16 JICM
A22502426	1-1/2 BSPTM x 1-5/8 JICM
A22502430	1-1/2 BSPTM x 1-7/8 JICM
A22502440	1-1/2 BSPTM x 2-1/2 JICM
A22503226	2 BSPTM x 1-5/8 JICM
A22503230	2 BSPTM X 1-7/8 JICM
A22503240	2 BSPTM x 2-1/2 JICM

BSPT Male x Chinese Flat Face Metric Female Swivel



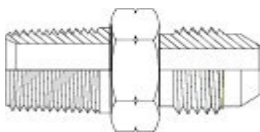
A22840822	1/2 BSPTM x 22MM Flat Face FS
A22840824	1/2 BSPTM x 24MM Flat Face FS
A22840827	1/2 BSPTM x 27MM Flat Face FS

BSPT Male x Chinese Flat Face Metric Male Nipple



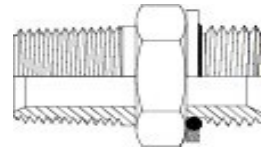
BTM-MCM-0414	1/4 BSPTM x 14MM Flat Face M
BTM-MCM-0416	1/4 BSPTM x 16MM Flat Face M
BTM-MCM-0614	3/8 BSPTM x 14MM Flat Face M
BTM-MCM-0616	3/8 BSPTM x 16MM Flat Face M
BTM-MCM-0618	3/8 BSPTM x 18MM Flat Face M
BTM-MCM-0816	1/2 BSPTM x 16MM Flat Face M
BTM-MCM-0818	1/2 BSPTM x 18MM Flat Face M
BTM-MCM-0822	1/2 BSPTM x 22MM Flat Face M
BTM-MCM-0824	1/2 BSPTM x 24MM Flat Face M
BTM-MCM-0827	1/2 BSPTM x 27MM Flat Face M

BSPT Male x JIS Metric Male (Komatsu)



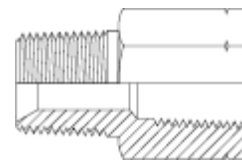
A22820414	1/4 BSPTM x 14mm JIS Metric
A22820616	3/8 BSPTM x 16mm JIS Metric
A22820618	3/8 BSPTM x 18mm JIS Metric
A22820818	1/2 BSPTM x 18mm JIS Metric
A22820820	1/2 BSPTM x 20mm JIS Metric
A22820822	1/2 BSPTM x 22mm JIS Metric
A22820824	1/2 BSPTM x 24mm JIS Metric
A22821224	3/4 BSPTM x 24mm JIS Metric
A22821230	3/4 BSPTM x 30mm JIS Metric
A22821633	1 BSPTM x 33mm JIS Metric

BSPT Male x Metric Stud Male Nipple



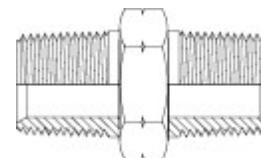
A22610210	1/8 BSPTM x 14mm Metric Stud
A22610412	1/4 BSPTM x 12mm Metric Stud
A22610414	1/4 BSPTM x 14mm Metric Stud
A22610416	1/4 BSPTM x 16mm Metric Stud
A22610620	3/8 BSPTM x 20mm Metric Stud
A22610822	1/2 BSPTM x 22mm Metric Stud
A22610826	1/2 BSPTM x 26mm Metric Stud
A22610827	1/2 BSPTM x 27mm Metric Stud
A22611226	3/4 BSPTM x 26mm Metric Stud

BSPT Male x NPT Female



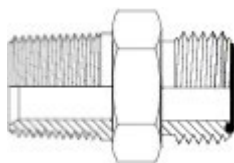
A22360202	1/8 BSPTM x 1/8 NPTF
A22360404	1/4 BSPTM x 1/4 NPTF
A22360606	3/8 BSPTM x 3/8 NPTF
A22360808	1/2 BSPTM x 1/2 NPTF
A22361212	3/4 BSPTM x 3/4 NPTF
A22361616	1 BSPTM x 1 NPTF

BSPT Male x NPT Male Nipple



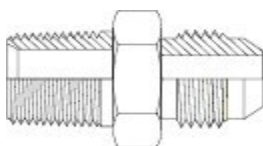
A22340404	1/4 BSPTM x 1/4 NPTM
A22340606	3/8 BSPTM x 3/8 NPTM
A22340808	1/2 BSPTM x 1/2 NPTM
A22341212	3/4 BSPTM x 3/4 NPTM
A22341616	1 BSPTM x 1 NPTM
A22342020	1-1/4 BSPTM x 1-1/4 NPTM
A22342424	1-1/2 BSPTM x 1-1/2 NPTM
A22343232	2 BSPTM x 2 NPTM

BSPT Male x ORFS Male Nipple



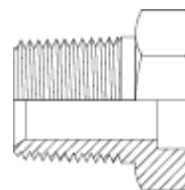
A22880209	1/8 BSPTM x 9/16 ORFSM
A22880211	1/8 BSPTM x 11/16 ORFSM
A22880409	1/4 BSPTM x 9/16 ORFSM
A22880411	1/4 BSPTM X 11/16 ORFSM
A22880413	1/4 BSPTM X 13/16 ORFSM
A22880609	3/8 BSPTM x 9/16 ORFSM
A22880611	3/8 BSPTM x 11/16 ORFSM
A22880613	3/8 BSPTM X 13/16 ORFSM
A22880809	1/2 BSPTM x 9/16 ORFSM
A22880811	1/2 BSPTM x 11/16 ORFSM
A22880813	1/2 BSPTM x 13/16 ORFSM
A22880816	1/2 BSPTM x 1 ORFSM
A22880819	1/2 BSPTM x 1-3/16 ORFSM
A22881213	3/4 BSPTM x 13/16 ORFSM
A22881216	3/4 BSPTM x 1 ORFSM
A22881219	3/4 BSPTM x 1-3/16 ORFSM
A22881223	3/4 BSPTM X 1-7/16 ORFSM
A22881619	1 BSPTM x 1-3/16 ORFSM
A22881623	1 BSPTM x 1-7/16 ORFSM

BSPT Male x SAE Male



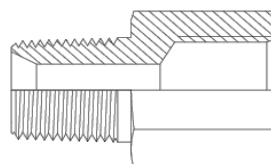
A02430410	1/4 BSPTM x 5/8 SAEM
A22430610	3/8 BSPTM x 5/8 SAEM

BSPT Male Tube Weld



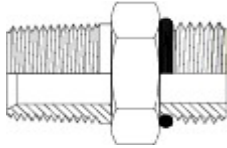
A22960404	1/4 BSPTM x 1/4 OD Tubeweld
A22960406	1/4 BSPTM x 3/8 OD Tubeweld
A22960604	3/8 BSPTM x 1/4 OD Tubeweld
A22960606	3/8 BSPTM x 3/8 OD Tubeweld
A22960608	3/8 BSPTM x 1/2 OD Tubeweld
A22960808	1/2 BSPTM x 1/2 OD Tubeweld
A22960810	1/2 BSPTM x 5/8 OD Tubeweld
A22960812	1/2 BSPTM x 3/4 OD Tubeweld
A22961212	3/4 BSPTM x 3/4 OD Tubeweld
A22961216	3/4 BSPTM x 1 OD Tubeweld
A22961616	1 BSPTM x 1 OD Tubeweld
A22961620	1 BSPTM x 1-1/4 OD Tubeweld
A22962020	1-1/4 BSPTM x 1-1/4 OD Tubeweld
A22962424	1-1/2 BSPTM x 1-1/2 OD Tubeweld
A22963232	2 BSPTM x 2 OD Tubeweld

BSPT Male x UNO Female



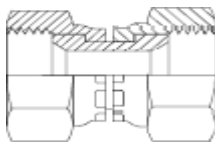
A22590812	1/2 BSPTM x 3/4 UNOF
A22590814	1/2 BSPTM x 7/8 UNOF

BSPT Male x UNO Male Nipple



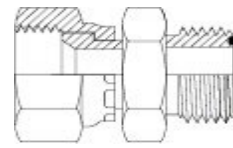
A22560407	1/4 BSPTM x 7/16 UNOM
A22560408	1/4 BSPTM x 1/2 UNOM
A22560409	1/4 BSPTM x 9/16 UNOM
A22560412	1/4 BSPTM x 3/4 UNOM
A22560414	1/4 BSPTM x 7/8 UNOM
A22560607	3/8 BSPTM x 7/16 UNOM
A22560609	3/8 BSPTM x 9/16 UNOM
A22560612	3/8 BSPTM x 3/4 UNOM
A22560614	3/8 BSPTM x 7/8 UNOM
A22560809	1/2 BSPTM x 9/16 UNOM
A22560812	1/2 BSPTM x 3/4 UNOM
A22560814	1/2 BSPTM x 7/8 UNOM
A22560817	1/2 BSPTM x 1-1/16 UNOM
A22560821	1/2 BSPTM x 1-5/16 UNOM
A22561212	3/4 BSPTM x 3/4 UNOM
A22561214	3/4 BSPTM x 7/8 UNOM
A22561217	3/4 BSPTM x 1-1/16 UNOM
A22561221	3/4 BSPTM x 1-5/16 UNOM
A22561617	1 BSPTM x 1-1/16 UNOM
A22561621	1 BSPTM x 1-5/16 UNOM
A22561626	1 BSPTM x 1-5/8 UNOM
A22562021	1-1/4 BSPTM x 1-5/16 UNOM
A22562026	1-1/4 BSPTM x 1-5/8 UNOM
A22562030	1-1/4 BSPTM x 1-7/8 UNOM
A22562426	1-1/2 BSPTM x 1-5/8 UNOM
A22562430	1-1/2 BSPTM x 1-7/8 UNOM

JIC Female Swivel x JIC Female Swivel



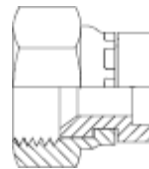
A53530707	7/16 JICFS x 7/16 JICFS
A53530909	9/16 JICFS x 9/16 JICFS
A53531212	3/4 JICFS x 3/4 JICFS
A53531414	7/8 JICFS x 7/8 JICFS
A53531717	1-1/16 JICFS x 1-1/16 JICFS
A53532121	1-5/16 JICFS x 1-5/16 JICFS
A53532626	1-5/8 JICFS x 1-5/8 JICFS
A53533030	1-7/8 JICFS x 1-7/8 JICFS

JIC Female Swivel x ORFS Male



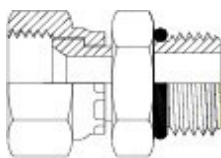
A53880709	7/16 JICFS x 9/16 ORFSM
A53880911	9/16 JICFS x 11/16 ORFSM
A53881213	3/4 JICFS x 13/16 ORFSM
A53881416	7/8 JICFS x 1 ORFSM
A53881719	1-1/16 JICFS x 1-3/16 ORFSM
A53882123	1-5/16 JICFS x 1-7/16 ORFSM

JIC Female Swivel Tube Weld



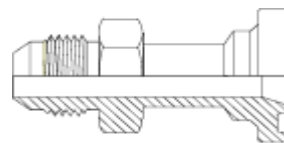
A53960704	7/16 JICFS x 1/4 OD Tubeweld
A53960904	9/16 JICFS x 1/4 OD Tubeweld
A53960906	9/16 JICFS x 3/8 OD Tubeweld
A53961206	3/4 JICFS x 3/8 OD Tubeweld
A53961208	3/4 JICFS x 1/2 OD Tubeweld
A53961210	3/4 JICFS x 5/8 OD Tubeweld
A53961408	7/8 JICFS x 1/2 OD Tubeweld
A53961410	7/8 JICFS x 5/8 OD Tubeweld
A53961712	1-1/16 JICFS x 3/4 OD Tubeweld
A53961716	1-1/16 JICFS x 1 OD Tubeweld
A53962116	1-5/16 JICFS x 1 OD Tubeweld
A53962120	1-5/16 JICFS x 1-1/4 OD Tubeweld
A53962620	1-5/8 JICFS x 1-1/4 OD Tubeweld
A53963024	1-7/8 JICFS x 1-1/2 OD Tubeweld

JIC Female Swivel x UNO Male



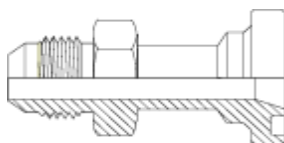
A53560707	7/16 JICFS x 7/16 UNOM
A53560909	9/16 JICFS x 9/16 UNOM
A53560912	9/16 JICFS x 3/4 UNOM
A5356209	3/4 JICFS x 9/16 UNOM
A53561212	3/4 JICFS x 3/4 UNOM
A53561214	3/4 JICFS x 7/8 UNOM
A53561217	3/4 JICFS x 1-1/16 UNOM
A53561412	7/8 JICFS x 3/4 UNOM
A53561414	7/8 JICFS x 7/8 UNOM
A53561717	1-1/16 JICFS x 1-1/16 UNOM
A53562121	1-5/16 JICFS x 1-5/16 UNOM
A53562626	1-5/8 JICFS x 1-5/8 UNOM

JIC Male x Code 62 Flange



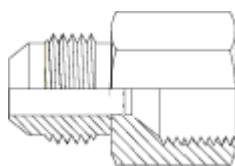
A50391208	3/4 JICM x 1/2 C62 Flange
A50391212	3/4 JICM x 3/4 C62 Flange
A50391712	1-1/16 JICM x 3/4 C62 Flange
A50391716	1-1/16 JICM x 1 C62 Flange
A50392112	1-5/16 JICM x 3/4 C62 Flange
A50392116	1-5/16 JICM x 1 C62 Flange
A50392120	1-5/16 JICM x 1-1/4 C62 Flange
A50392124	1-5/16 JICM x 1-1/2 C62 Flange
A50392616	1-5/8 JICM x 1 C62 Flange
A50392620	1-5/8 JICM x 1-1/4 C62 Flange
A50392624	1-5/8 JICM x 1-1/2 C62 Flange
A50393024	1-7/8 JICM x 1-1/2 C62 Flange

JIC Male x Code 61 Flange



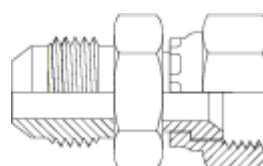
A50381208	3/4 JICM x 1/2 C61 Flange
A50381212	3/4 JICM x 3/4 C61 Flange
A50381412	7/8 JICM x 3/4 C61 Flange
A50381712	1-1/16 JICM x 3/4 C61 Flange
A50381716	1-1/16 JICM x 1 C61 Flange
A50381720	1-1/16 JICM x 1-1/4 C61 Flange
A50382112	1-5/16 JICM x 3/4 C61 Flange
A50382116	1-5/16 JICM x 1 C61 Flange
A50382120	1-5/16 JICM x 1-1/4 C61 Flange
A50382124	1-5/16 JICM x 1-1/2 C61 Flange
A50382132	1-5/16 JICM x 2 C61 Flange
A50382616	1-5/8 JICM x 1 C61 Flange
A50382620	1-5/8 JICM x 1-1/4 C61 Flange
A50382624	1-5/8 JICM x 1-1/2 C61 Flange
A50382632	1-5/8 JICM x 2 C61 Flange
A50383024	1-7/8 JICM x 1-1/2 C61 Flange
A50383032	1-7/8 JICM x 2 C61 Flange
A50384032	2-1/2 JICM x 2 C61 Flange

JIC Male x JIC Fixed Female



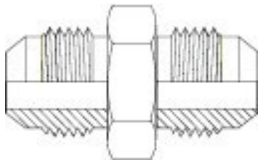
A50540706	7/16 JICM x 3/8 JICF
A50540708	7/16 JICM x 1/2 JICF
A50540709	7/16 JICM x 9/16 JICF
A50540712	7/16 JICM x 3/4 JICF
A50540714	7/16 JICM x 7/8 JICF
A50540717	7/16 JICM X 1-1/16 JICF
A50540721	7/16 JICM x 1-5/16 JICF
A50540809	1/2 JICM x 9/16 JICF
A50540907	9/16 JICM x 7/16 JICF
A50540908	9/16 JICM x 1/2 JICF
A50540909	9/16 JICM x 9/16 JICF
A50540912	9/16 JICM x 3/4 JICF
A50540914	9/16 JICM x 7/8 JICF
A50540917	9/16 JICM x 1-1/16 JICF
A50540921	9/16 JICM x 1-5/16 JICF
A50541207	3/4 JICM x 7/16 JICF
A50541209	3/4 JICM x 9/16 JICF
A50541214	3/4 JICM x 7/8 JICF
A50541217	3/4 JICM x 1-1/16 JICF
A50541221	3/4 JICM x 1-5/16 JICF
A50541409	7/8 JICM x 9/16 JICF
A50541412	7/8 JICM x 3/4 JICF
A50541417	7/8 JICM x 1-1/16 JICF
A50541421	7/8 JICM x 1-5/16 JICF
A50541712	1-1/16 JICM x 3/4 JICF
A50541714	1-1/16 JICM x 7/8 JICF
A50541719	1-1/16 JICM x 1-3/16 JICF
A50541721	1-1/16 JICM x 1-5/16 JICF
A50541726	1-1/16 JICM x 1-5/8 JICF
A50542114	1-5/16 JICM x 7/8 JICF
A50542117	1-5/16 JICM x 1-1/16 JICF
A50542126	1-5/16 JICM x 1-5/8 JICF
A50542130	1-5/16 JICM x 1-7/8 JICF
A50542621	1-5/8 JICM x 1-5/16 JICF
A50542630	1-5/8 JICM x 1-7/8 JICF
A50543026	1-7/8 JICM x 1-5/8 JICF
A50543040	1-7/8 JICM x 2-1/2 JICF
A50544030	2-1/2 JICM x 1-7/8 JICF

JIC Male x JIC Female Swivel



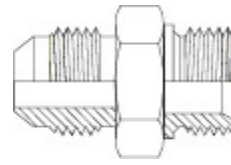
A50530707	7/16 JICM x 7/16 JICFS
A50530709	7/16 JICM x 9/16 JICFS
A50530712	7/16 JICM x 3/4 JICFS
A50530808	1/2 JICM x 1/2 JICFS
A50530809	1/2 JICM x 9/16 JICFS
A50530907	9/16 JICM x 7/16 JICFS
A50530909	9/16 JICM x 9/16 JICFS
A50530912	9/16 JICM x 3/4 JICFS
A50530914	9/16 JICM x 7/8 JICFS
A50531209	3/4 JICM x 9/16 JICFS
A50531212	3/4 JICM x 3/4 JICFS
A50531214	3/4 JICM x 7/8 JICFS
A50531217	3/4 JICM x 1-1/16 JICFS
A50531221	3/4 JICM x 1-5/16 JICFS
A50531409	7/8 JICM x 9/16 JICFS
A50531412	7/8 JICM x 3/4 JICFS
A50531414	7/8 JICM x 7/8 JICFS
A50531417	7/8 JICM x 1-1/16 JICFS
A50531712	1-1/16 JICM x 3/4 JICFS
A50531714	1-1/16 JICM x 7/8 JICFS
A50531717	1-1/16 JICM x 1-1/16 JICFS
A50531721	1-1/16 JICM x 1-5/16 JICFS
A50532117	1-5/16 JICM x 1-1/16 JICFS
A50532121	1-5/16 JICM x 1-5/16 JICFS
A50532126	1-5/16 JICM x 1-5/8 JICFS
A50532621	1-5/8 JICM x 1-5/16 JICFS
A50532626	1-5/8 JICM x 1-5/8 JICFS
A50532630	1-5/8 JICM x 1-7/8 JICFS
A50533026	1-7/8 JICM x 1-5/8 JICFS
A50533030	1-7/8 JICM x 1-7/8 JICFS
A50534040	2-1/2 JICM x 2-1/2 JICFS

JIC Male x JIC Male Nipple



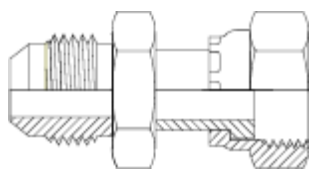
A50500606	3/8 JICM x 3/8 JICM
A50500707	7/16 JICM x 7/16 JICM
A50500708	7/16 JICM x 1/2 JICM
A50500709	7/16 JICM x 9/16 JICM
A50500712	7/16 JICM x 3/4 JICM
A50500714	7/16 JICM x 7/8 JICM
A50500808	1/2 JICM x 1/2 JICM
A50500809	1/2 JICM x 9/16 JICM
A50500909	9/16 JICM x 9/16 JICM
A50500912	9/16 JICM x 3/4 JICM
A50500914	9/16 JICM x 7/8 JICM
A50500917	9/16 JICM x 1-1/16 JICM
A50501212	3/4 JICM x 3/4 JICM
A50501214	3/4 JICM x 7/8 JICM
A50501217	3/4 JICM x 1-1/16 JICM
A50501414	7/8 JICM x 7/8 JICM
A50501417	7/8 JICM x 1-1/16 JICM
A50501717	1-1/16 JICM x 1-1/16 JICM
A50501719	1-1/16 JICM x 1-3/16 JICM
A50501721	1-1/16 JICM x 1-5/16 JICM
A50501919	1-3/16 JICM x 1-3/16 JICM
A50502121	1-5/16 JICM x 1-5/16 JICM
A50502126	1-5/16 JICM x 1-5/8 JICM
A50502626	1-5/8 JICM x 1-5/8 JICM
A50502630	1-5/8 JICM x 1-7/8 JICM
A50503030	1-7/8 JICM x 1-7/8 JICM
A50504040	2-1/2 JICM x 2-1/2 JICM

JIC Male x Metric Male Stud Nipple



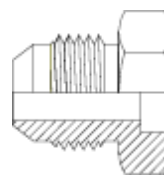
A50610708	7/16 JICM x 8mm Metric Stud
A50610710	7/16 JICM x 10mm Metric Stud
A50610712	7/16 JICM x 12mm Metric Stud
A50610714	7/16 JICM x 14mm Metric Stud
A50610716	7/16 JICM x 16mm Metric Stud
A50610810	1/2 JICM x 10mm Metric Stud
A50610912	9/16 JICM x 12mm Metric Stud
A50610914	9/16 JICM x 14mm Metric Stud
A50610916	9/16 JICM x 16mm Metric Stud
A50610918	9/16 JICM x 18mm Metric Stud
A50610920	9/16 JICM x 20mm Metric Stud
A50610922	9/16 JICM x 22mm Metric Stud
A50611212	3/4 JICM x 12mm Metric Stud
A50611214	3/4 JICM x 14mm Metric Stud
A50611216	3/4 JICM x 16mm Metric Stud
A50611218	3/4 JICM x 18mm Metric Stud
A50611220	3/4 JICM x 20mm Metric Stud
A50611222	3/4 JICM x 22mm Metric Stud
A50611226	3/4 JICM x 26mm Metric Stud
A50611416	7/8 JICM x 16mm Metric Stud
A50611418	7/8 JICM x 18mm Metric Stud
A50611420	7/8 JICM x 20mm Metric Stud
A50611422	7/8 JICM x 22mm Metric Stud
A50611426	7/8 JICM x 26mm Metric Stud
A50611718	1-1/16 JICM x 18mm Metric Stud
A50611720	1-1/16 JICM x 20mm Metric Stud
A50611722	1-1/16 JICM x 22mm Metric Stud
A50611726	1-1/16 JICM x 26mm Metric Stud
A50611727	1-1/16 JICM x 27mm Metric Stud
A50611728	1-1/16 JICM x 28mm Metric Stud
A50611733	1-1/16 JICM x 33mm Metric Stud
A50612126	1-5/16 JICM x 26mm Metric Stud
A50612127	1-5/16 JICM x 27mm Metric Stud
A50612133	1-5/16 JICM x 33mm Metric Stud
A50612142	1-5/16 JICM x 42mm Metric Stud
A50612633	1-5/8 JICM x 33mm Metric Stud
A50612642	1-5/8 JICM x 42mm Metric Stud
A50612648	1-5/8 JICM x 48mm Metric Stud
A50613042	1-7/8 JICM x 42mm Metric Stud

JIC Male x ORFS Female



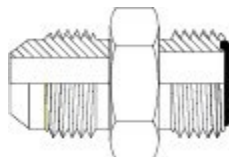
A50890709	7/16 JICM x 9/16 ORFSF
A50890911	9/16 JICM x 11/16 ORFSF
A50891213	3/4 JICM x 13/16 ORFSF
A50891416	7/8 JICM x 1 ORFSF
A50891719	1-1/16 JICM x 1-3/16 ORFSF
A50892123	1-5/16 JICM x 1-7/16 ORFSF
A50892627	1-5/8 JICM x 1-11/16 ORFSF

JIC Male Tube Weld



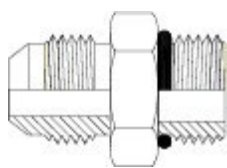
A50960704	7/16 JICM x 1/4 OD Tubeweld
A50960706	7/16 JICM x 3/8 OD Tubeweld
A50960906	9/16 JICM x 3/8 OD Tubeweld
A50961208	3/4 JICM x 1/2 OD Tubeweld
A50961212	3/4 JICM x 3/4 OD Tubeweld
A50961408	7/8 JICM x 1/2 OD Tubeweld
A50961410	7/8 JICM x 5/8 OD Tubeweld
A50961712	1-1/16 JICM x 3/4 OD Tubeweld
A50961716	1-1/16 JICM x 1 OD Tubeweld
A50962116	1-5/16 JICM x 1 OD Tubeweld
A50962120	1-5/16 JICM x 1-1/4 OD Tubeweld
A50962124	1-5/16 JICM x 1-1/2 OD Tubeweld
A50962620	1-5/8 JICM x 1-1/4 OD Tubeweld
A50962624	1-5/8 JICM x 1-1/2 OD Tubeweld
A50963024	1-7/8 JICM x 1-1/2 OD Tubeweld

JIC Male x ORFS Male Nipple



A50880709	7/16 JICM x 9/16 ORFSM
A50880911	9/16 JICM x 11/16 ORFSM
A50881213	3/4 JICM x 13/16 ORFSM
A50881413	7/8 JICM x 13/16 ORFSM
A50881416	7/8 JICM x 1 ORFSM
A50881719	1-1/16 JICM x 1-3/16 ORFSM
A50882119	1-5/16 JICM x 1-3/16 ORFSM
A50882123	1-5/16 JICM x 1-7/16 ORFSM
A50882127	1-5/16 JICM x 1-11/16 ORFSM
A50882627	1-5/8 JICM x 1-11/16 ORFSM

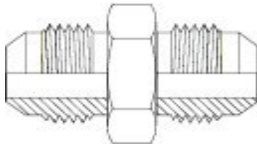
JIC Male x UNO Male Nipple



A50560707	7/16 JICM x 7/16 UNOM
A50560707E	7/16 JICM x 7/16 UNOM EXT
A50560708	7/16 JICM x 1/2 UNOM
A50560709	7/16 JICM x 9/16 UNOM
A50560712	7/16 JICM x 3/4 UNOM
A50560717	7/16 JICM x 1-1/16 UNOM
A50560721	7/16 JICM x 1-5/16 UNOM
A50560807	1/2 JICM x 7/16 UNOM
A50560808	1/2 JICM x 1/2 UNOM
A50560809	1/2 JICM x 9/16 UNOM
A50560812	1/2 JICM x 3/4 UNOM
A50560907	9/16 JICM x 7/16 UNOM
A50560908	9/16 JICM x 1/2 UNOM
A50560909	9/16 JICM x 9/16 UNOM
A50560909E	9/16 JICM x 9/16 UNOM EXT
A50560912	9/16 JICM x 3/4 UNOM
A50560914	9/16 JICM x 7/8 UNOM
A50560917	9/16 JICM x 1-1/16 UNOM
A50560921	9/16 JICM x 1-5/16 UNOM
A50561207	3/4 JICM x 7/16 UNOM
A50561208	3/4 JICM x 1/2 UNOM
A50561209	3/4 JICM x 9/16 UNOM
A50561212	3/4 JICM x 3/4 UNOM
A50561212E	3/4 JICM x 3/4 UNOM EXT
A50561214	3/4 JICM x 7/8 UNOM
A50561217	3/4 JICM x 1-1/16 UNOM
A50561221	3/4 JICM x 1-5/16 UNOM
A50561409	7/8 JICM x 9/16 UNOM
A50561412	7/8 JICM x 3/4 UNOM
A50561414	7/8 JICM x 7/8 UNOM
A50561417	7/8 JICM x 1-1/16 UNOM
A50561421	7/8 JICM x 1-5/16 UNOM
A50561426	7/8 JICM x 1-5/8 UNOM
A50561712	1-1/16 JICM x 3/4 UNOM
A50561714	1-1/16 JICM x 7/8 UNOM
A50561717	1-1/16 JICM x 1-1/16 UNOM
A50561719	1-1/16 JICM x 1-3/16 UNOM
A50561721	1-1/16 JICM x 1-5/16 UNOM
A50561726	1-1/16 JICM x 1-5/8 UNOM

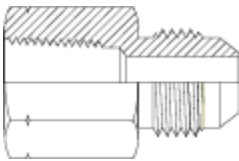
A50561919	1-3/16 JICM x 1-3/16 UNOM
A50562112	1-5/16 JICM x 3/4 UNOM
A50562114	1-5/16 JICM x 7/8 UNOM
A50562117	1-5/16 JICM x 1-1/16 UNOM
A50562121	1-5/16 JICM x 1-5/16 UNOM
A50562126	1-5/16 JICM x 1-5/8 UNOM
A50562130	1-5/16 JICM x 1-7/8 UNOM
A50562614	1-5/8 JICM x 7/8 UNOM
A50562617	1-5/8 JICM x 1-1/16 UNOM
A50562621	1-5/8 JICM x 1-5/16 UNOM
A50562626	1-5/8 JICM x 1-5/8 UNOM
A50562630	1-5/8 JICM x 1-7/8 UNOM
A50563026	1-7/8 JICM x 1-5/8 UNOM
A50563030	1-7/8 JICM x 1-7/8 UNOM
A50563040	1-7/8 JICM x 2-1/2 UNOM
A50564040	2-1/2 JICM x 2-1/2 UNOM

JIS Metric Male x JIS Metric Male (Komatsu) Nipple



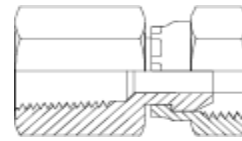
A82821414	14mm JIS Metric (Komatsu)
A82821616	16mm JIS Metric (Komatsu)
A82821818	18mm JIS Metric (Komatsu)
A82822020	20mm JIS Metric (Komatsu)
A82822222	22mm JIS Metric (Komatsu)
A82822424	24mm JIS Metric (Komatsu)
A82822626	26mm JIS Metric (Komatsu)
A82822727	27mm JIS Metric (Komatsu)
A82823030	30mm JIS Metric (Komatsu)
A82823333	33mm JIS Metric (Komatsu)
A8282-3636	36mm JIS Metric (Komatsu)
A8282-4242	42mm JIS Metric (Komatsu)

NPT Female x JIC Male



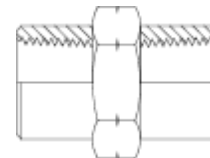
A34500207	1/8 NPTF x 7/16 JICM
A36500208	1/8 NPTF x 1/2 JICM
A36500209	1/8 NPTF x 9/16 JICM
A36500407	1/4 NPTF x 7/16 JICM
A36500408	1/4 NPTF x 1/2 JICM
A36500409	1/4 NPTF x 9/16 JICM
A36500609	3/8 NPTF x 9/16 JICM
A36500612	3/8 NPTF x 3/4 JICM
A36500809	1/2 NPTF x 9/16 JICM
A36500812	1/2 NPTF x 3/4 JICM
A36500814	1/2 NPTF x 7/8 JICM
A36500817	1/2 NPTF x 1-1/16 JICM
A36501214	3/4 NPTF x 7/8 JICM
A36501217	3/4 NPTF x 1-1/16 JICM
A36501621	1 NPTF x 1-5/16 JICM
A36502026	1-1/4 NPTF x 1-5/8 JICM

NPT Female x NPT Female Swivel



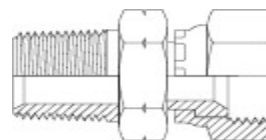
A36300404	1/4 NPTF x 1/4 NPTSF
A36300604	3/8 NPTF x 1/4 NPTSF
A36300606	3/8 NPTF x 3/8 NPTSF
A36300808	1/2 NPTF x 1/2 NPTSF
A36301212	3/4 NPTF x 3/4 NPTSF
A36301616	1 NPTF x 1 NPTSF

NPT Female Socket



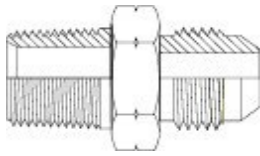
A36360202	1/8 NPTF Socket
A36360204	1/8 NPTF X 1/4 NPTF Socket
A36360404	1/4 NPTF Socket
A36360406	1/4 NPTF x 3/8 NPTF Socket
A36360408	1/4 NPTF x 1/2 NPTF Socket
A36360606	3/8 NPTF Socket
A36360608	3/8 NPTF x 1/2 NPTF Socket
A36360808	1/2 NPTF Socket
A36360812	1/2 NPTF x 3/4 NPTF Socket
A36361212	3/4 NPTF Socket
A36361216	3/4 NPTF x 1 NPTF Socket
A36361616	1 NPTF Socket
A36362020	1-1/4 NPTF Socket
A36362424	1-1/2 NPTF Socket
A36363232	2 NPTF Socket

NPT Male x JIC Female Swivel



A34530207	1/8 NPTM x 7/16 JICFS
A34530407	1/4 NPTM x 7/16 JICFS
A34530409	1/4 NPTM x 9/16 JICFS
A34530607	3/8 NPTM x 7/16 JICFS
A34530609	3/8 NPTM x 9/16 JICFS
A34530612	3/8 NPTM x 3/4 JICFS

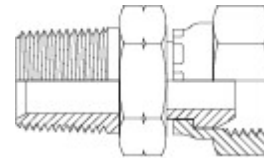
NPT Male x JIC Male Nipple



A34500206	1/8 NPTM x 3/8 JICM
A34500207	1/8 NPTM x 7/16 JICM
A34500208	1/8 NPTM x 1/2 JICM
A34500209	1/8 NPTM x 9/16 JICM
A34500406	1/4 NPTM x 3/8 JICM
A34500407	1/4 NPTM x 7/16 JICM
A34500408	1/4 NPTM x 1/2 JICM
A34500409	1/4 NPTM x 9/16 JICM
A34500412	1/4 NPTM x 3/4 JICM
A34500607	3/8 NPTM x 7/16 JICM
A34500609	3/8 NPTM x 9/16 JICM
A34500612	3/8 NPTM x 3/4 JICM
A34500614	3/8 NPTM x 7/8 JICM
A34500617	3/8 NPTM x 1-1/16 JICM
A34500807	1/2 NPTM x 7/16 JICM
A34500809	1/2 NPTM x 9/16 JICM
A34500812	1/2 NPTM x 3/4 JICM
A34500814	1/2 NPTM x 7/8 JICM
A34500817	1/2 NPTM x 1-1/16 JICM
A34500821	1/2 NPTM x 1-5/16 JICM
A34501209	3/4 NPTM x 9/16 JICM
A34501212	3/4 NPTM x 3/4 JICM
A34501214	3/4 NPTM x 7/8 JICM
A34501217	3/4 NPTM x 1-1/16 JICM
A34501221	3/4 NPTM x 1-5/16 JICM
A34501226	3/4 NPTM x 1-5/8 JICM
A34501612	1 NPTM x 3/4 JICM
A34501614	1 NPTM x 7/8 JICM
A34501617	1 NPTM x 1-1/16 JICM
A34501621	1 NPTM x 1-5/16 JICM
A34501626	1 NPTM x 1-5/8 JICM
A34502017	1-1/4 NPTM x 1-1/16 JICM
A34502021	1-1/4 NPTM x 1-5/16 JICM
A34502026	1-1/4 NPTM x 1-5/8 JICM
A34502030	1-1/4 NPTM x 1-7/8 JICM
A34502421	1-1/2 NPTM x 1-5/16 JICM
A34502426	1-1/2 NPTM x 1-5/8 JICM
A34502430	1-1/2 NPTM x 1-7/8 JICM
A34502440	1-1/2 NPTM x 2-1/2 JICM
A34503230	2 NPTM x 1-7/8 JICM

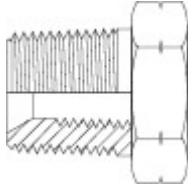
A34503240	2 NPTM x 2-1/2 JICM
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NPT Male x NPT Female Swivel



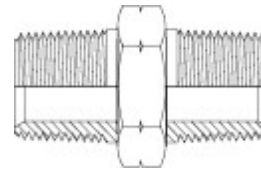
A34300202	1/8 NPTM x 1/8 NPTSF
A34300204	1/8 NPTM x 1/4 NPTSF
A34300404	1/4 NPTM x 1/4 NPTSF
A34300406	1/4 NPTM x 3/8 NPTSF
A34300604	3/8 NPTM x 1/4 NPTSF
A34300606	3/8 NPTM x 3/8 NPTSF
A34300808	1/2 NPTM x 1/2 NPTSF
A34300812	1/2 NPTM x 3/4 NPTSF
A34301208	3/4 NPTM x 1/2 NPTSF
A34301212	3/4 NPTM x 3/4 NPTSF
A34301216	3/4 NPTM x 1 NPTSF
A34301612	1 NPTM x 3/4 NPTSF
A34301616	1 NPTM x 1 NPTSF
A34302016	1-1/4 NPTM x 1 NPTSF
A34302020	1-1/4 NPTM x 1-1/4 NPTSF
A34302424	1-1/2 NPTM x 1-1/2 NPTSF
A34303232	2 NPTM x 2 NPTSF

NPT Male x NPT Female Reducer/Expander



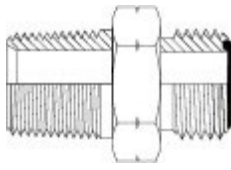
A34360202	1/8 NPTM x 1/8 NPTF
A34360204	1/2 NPTM x 1/4 NPTF
A34360206	1/2 NPTM x 3/8 NPTF
A34360402	1/4 NPTM x 1/8 NPTF
A34360404	1/4 NPTM x 1/4 NPTF
A34360406	1/4 NPTM x 3/8 NPTF
A34360408	1/4 NPTM x 1/2 NPTF
A34360602	3/8 NPTM x 1/8 NPTF
A34360604	3/8 NPTM x 1/4 NPTF
A34360606	3/8 NPTM x 3/8 NPTF
A34360608	3/8 NPTM x 1/2 NPTF
A34360802	1/2 NPTM x 1/8 NPTF
A34360804	1/2 NPTM x 1/4 NPTF
A34360806	1/2 NPTM x 3/8 NPTF
A34360808	1/2 NPTM x 1/2 NPTF
A34360812	1/2 NPTM x 3/4 NPTF
A34361202	3/4 NPTM x 1/8 NPTF
A34361204	3/4 NPTM x 1/4 NPTF
A34361206	3/4 NPTM x 3/8 NPTF
A34361208	3/4 NPTM x 1/2 NPTF
A34361212	3/4 NPTM x 3/4 NPTF
A34361216	3/4 NPTM x 1 NPTF
A34361606	1 NPTM x 3/8 NPTF
A34361608	1 NPTM x 1/2 NPTF
A34361612	1 NPTM x 3/4 NPTF
A34361616	1 NPTM x 1 NPTF
A34362012	1-1/4 NPTM x 3/4 NPTF
A34362016	1-1/4 NPTM x 1 NPTF
A34362020	1-1/4 NPTM x 1-1/4 NPTF
A34362412	1-1/2 NPTM x 3/4 NPTF
A34362416	1-1/2 NPTM x 1 NPTF
A34362420	1-1/2 NPTM x 1-1/4 NPTF
A34363216	2 NPTM x 1 NPTF
A34363220	2 NPTM x 1-1/4 NPTF
A34363224	2 NPTM x 1-1/2 NPTF

NPT Male x NPT Male Nipple



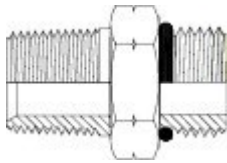
A34340202	1/8 NPTM x 1/8 NPTM
A34340204	1/8 NPTM x 1/4 NPTM
A34340206	1/8 NPTM x 3/8 NPTM
A34340404	1/4 NPTM x 1/4 NPTM
A34340406	1/4 NPTM x 3/8 NPTM
A34340408	1/4 NPTM x 1/2 NPTM
A34340412	1/4 NPTM x 3/4 NPTM
A34340606	3/8 NPTM x 3/8 NPTM
A34340608	3/8 NPTM x 1/2 NPTM
A34340612	3/8 NPTM x 3/4 NPTM
A34340808	1/2 NPTM x 1/2 NPTM
A34340812	1/2 NPTM x 3/4 NPTM
A34340816	1/2 NPTM x 1 NPTM
A34341212	3/4 NPTM x 3/4 NPTM
A34341216	3/4 NPTM x 1 NPTM
A34341616	1 NPTM x 1 NPTM
A34341620	1 NPTM x 1-1/4 NPTM
A34341624	1 NPTM x 1-1/2 NPTM
A34342020	1-1/4 NPTM x 1-1/4 NPTM
A34342024	1-1/4 NPTM x 1-1/2 NPTM
A34342424	1-1/2 NPTM x 1-1/2 NPTM
A34343232	2 NPTM x 2 NPTM

NPT Male x ORFS Male Nipple



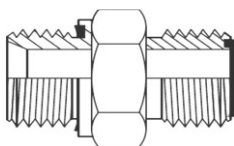
A34880411	1/4 NPTM x 11/16 ORFSM
A34880611	3/8 NPTM x 11/16 ORFSM
A34880613	3/8 NPTM x 13/16 ORFSM
A34880809	1/2 NPTM x 9/16 ORFSM
A34880811	1/2 NPTM x 11/16 ORFSM
A34880813	1/2 NPTM x 13/16 ORFSM
A34880816	1/2 NPTM x 1 ORFSM
A34881213	3/4 NPTM x 13/16 ORFSM
A34881219	3/4 NPTM x 1-3/16 ORFSM
A34881223	3/4 NPTM x 1-7/16 ORFSM
A34881623	1 NPTM x 1-7/16 ORFSM
A34882027	1-1/4 NPTM x 1-11/16 ORFSM

NPT Male x UNO Male Nipple



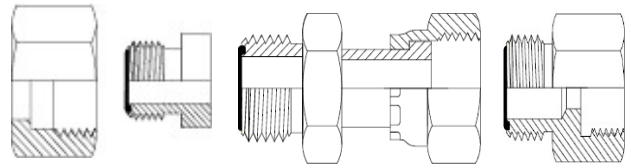
A34560609	3/8 NPTM x 9/16 UNOM
A34560612	3/8 NPTM x 3/4 UNOM
A34560614	3/8 NPTM x 7/8 UNOM
A34560812	1/2 NPTM x 3/4 UNOM
A34560814	1/2 NPTM x 7/8 UNOM
A34560817	1/2 NPTM x 3/4 UNOM
A34561212	3/4 NPTM x 3/4 UNOM
A34561214	3/4 NPTM x 7/8 UNOM
A34561217	3/4 NPTM x 1-1/16 UNOM
A34561621	1 NPTM x 1-5/16 UNOM

Metric Male Stud x ORFS Male Nipple



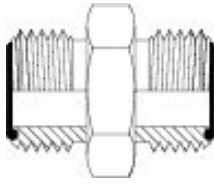
A61882213	22mm Metric Stud x 13/16 ORFSM
A61882216	22mm Metric Stud x 1 ORFSM
A61882219	22mm Metric Stud x 1-13/16 ORFSM

ORFS Male x ORFS Female Swivel



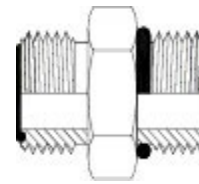
A88890909	9/16 ORFSM x 9/16 ORFSF
A88890911	9/16 ORFSM x 11/16 ORFSF
A88890913	9/16 ORFSM x 13/16 ORFSF
A88890916	9/16 ORFSM x 1 ORFSF
A88890919	9/16 ORFSM x 1-3/16 ORFSF
A88891109	11/16 ORFSM x 9/16 ORFSF
A88891111	11/16 ORFSM x 11/16 ORFSF
A88891113	11/16 ORFSM x 13/16 ORFSF
A88891116	11/16 ORFSM x 1 ORFSF
A88891119	11/16 ORFSM x 1-3/16 ORFSF
A88891311	13/16 ORFSM x 11/16 ORFSF
A88891313	13/16 ORFSM x 13/16 ORFSF
A88891316	13/16 ORFSM x 1 ORFSF
A88891319	13/16 ORFS M x 1-3/16 ORFSF
A88891323	13/16 ORFSM x 1-7/16 ORFSF
A88891327	13/16 ORFSM x 1-11/16 ORFSF
A88891613	1 ORFSM x 13/16 ORFSF
A88891616	1 ORFSM x 1 ORFSF
A88891619	1 ORFSM x 1-3/16 ORFSF
A88891623	1 ORFSM x 1-7/16 ORFSF
A88891916	1-3/16 ORFSM x 1 ORFSF
A88891919	1-3/16 ORFSM x 1-3/16 ORFSF
A88891923	1-3/16 ORFSM x 1-7/16 ORFSF
A88891927	1-3/16 ORFSM x 1-11/16 ORFSF
A88892323	1-7/16 ORFSM x 1-7/16 ORFSF
A88892327	1-7/16 ORFSM x 1-11/16 ORFSF
A88892332	1-7/16 ORFSM x 2 ORFSF
A88892732	1-11/16 ORFSM x 2 ORFSF

ORFS Male x ORFS Male Nipple



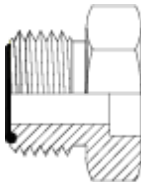
A88880909	9/16 ORFSM x 9/16 ORFSM
A88880911	9/16 ORFSM x 11/16 ORFSM
A88881111	11/16 ORFSM x 11/16 ORFSM
A88881113	11/16 ORFSM x 13/16 ORFSM
A88881313	13/16 ORFSM x 13/16 ORFSM
A88881316	13/16 ORFSM x 1 ORFSM
A88881319	13/16 ORFSM x 1-3/16 ORFSM
A88881616	1 ORFSM x 1 ORFSM
A88881619	1 ORFSM x 1-3/16 ORFSM
A88881919	1-3/16 ORFSM x 1-3/16 ORFSM
A88881923	1-3/16 ORFSM x 1-7/16 ORFSM
A88882323	1-7/16 ORFSM x 1-7/16 ORFSM
A88882327	1-7/16 ORFSM x 1-11/16 ORFSM
A88882727	1-11/16 ORFSM x 1-11/16 ORFSM
A88883232	2 ORFSM x 2 ORFSM

ORFS Male x UNO Male Nipple



A56880709	9/16 ORFSM x 7/16 UNOM
A56880909	9/16 ORFSM x 9/16 UNOM
A56880711	11/16 ORFSM x 7/16 UNOM
A56880911	11/16 ORFSM x 9/16 UNOM
A56881211	11/16 ORFSM x 3/4 UNOM
A56881411	11/16 ORFSM x 7/8 UNOM
A56880913	13/16 ORFSM x 9/16 UNOM
A56881213	13/16 ORFSM x 3/4 UNOM
A56881413	13/16 ORFSM x 7/8 UNOM
A56881713	13/16 ORFSM x 1-1/16 UNOM
A56882113	13/16 ORFM x 1-5/16 UNOM
A56881216	1 ORFSM x 3/4 UNOM
A56881416	1 ORFSM x 7/8 UNOM
A56881716	1 ORFSM x 1-1/16 UNOM
A56881219	1-3/16 ORFSM x 3/4 UNOM
A56881419	1-3/16 ORFSM x 7/8 UNOM
A56881719	1-3/16 ORFSM x 1-1/16 UNOM
A56882119	1-3/16 ORFSM x 1-5/16 UNOM
A56881723	1-7/16 ORFSM x 1-1/16 UNOM
A56882123	1-7/16 ORFSM x 1-5/16 UNOM
A56882623	1-7/16 ORFSM x 1-5/8 UNOM
A56882127	1-11/16 ORFSM x 1-5/16 UNOM
A56882627	1-11/16 ORFS x 1-5/8 UNOM
A56883027	1-11/16 ORFS x 1-7/8 UNOM
A56882632	2 ORFS x 1-5/8 UNOM
A56883032	2 ORFS x 1-7/8 UNOM

ORFS Male Tube Weld



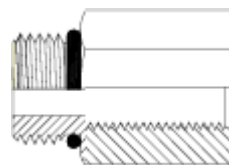
A88960904	9/16 ORFSM x 1/4 OD Tubeweld
A88960906	9/16 ORFSM x 3/8 OD Tubeweld
A88961106	11/16 ORFSM x 3/8 OD Tubeweld
A88961308	13/16 ORFSM x 1/2 OD Tubeweld
A88961610	1 ORFSM x 5/8 OD Tubeweld
A88961912	1-3/16 ORFSM x 3/4 OD Tubeweld
A88961916	1-3/16 ORFSM x 1 OD Tubeweld
A88962316	1-7/16 ORFSM x 1 OD Tubeweld
A88962320	1-7/16 ORFSM x 1-1/4 OD Tubeweld
A88962324	1-7/16 ORFSM x 1-1/2 OD Tubeweld
A88962724	1-11/16 ORFSM x 1-1/2 OD Tubeweld
A88963232	2 ORFSM x 2 OD Tubeweld

UNO Socket



A59590707	7/16 UNO Socket
A59590909	9/16 UNO Socket
A59591212	3/4 UNO Socket
A59591414	7/8 UNO Socket
A59591717	1-1/16 UNO Socket
A59592121	1-5/16 UNO Socket

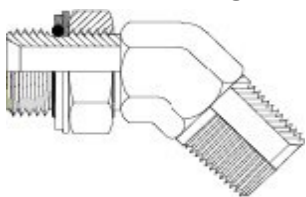
UNO Male x UNO Female Reducer/Expander



A56590709	7/16 UNOM x 9/16 UNOF
A56590907	9/16 UNOM x 7/16 UNOF
A56591207	3/4 UNOM x 7/16 UNOF
A56591209	3/4 UNOM x 9/16 UNOF
A56591212	3/4 UNOM x 3/4 UNOF
A56591407	7/8 UNOM x 7/16 UNOF
A56591409	7/8 UNOM x 9/16 UNOF
A56591412	7/8 UNOM x 3/4 UNOF
A56591417	7/8 UNOM x 1-1/16 UNOF
A56591709	1-1/16 UNOM x 9/16 UNOF
A56591712	1-1/16 UNOM x 3/4 UNOF
A56591714	1-1/16 UNOM x 7/8 UNOF
A56592112	1-5/16 UNOM x 3/4 UNOF
A56592114	1-5/16 UNOM x 7/8 UNOF
A56592117	1-5/16 UNOM x 1-1/16 UNOF
A56592617	1-5/8 UNOM x 1-1/16 UNOF
A56592621	1-5/8 UNOM x 1-5/16 UNOF
A56593012	1-7/8 UNOM x 3/4 UNOF
A56593017	1-7/8 UNOM x 1-1/16 UNOF
A56593021	1-7/8 UNOM x 1-5/16 UNOF

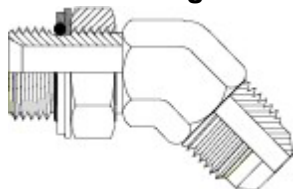
45 Degree Adaptors

BSPP Male x BSPT Male 45 Degree



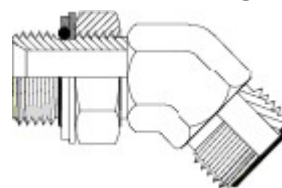
C13220404	1/4 BSPPM x 1/4 BSPTM 45°
C13220606	3/8 BSPPM x 3/8 BSPTM 45°
C13220808	1/2 BSPPM x 1/2 BSPTM 45°
C13221212	3/4 BSPPM x 3/4 BSPTM 45°
C13221616	1 BSPPM x 1 BSPTM 45°

BSPP Male x JIC Male 45 Degree



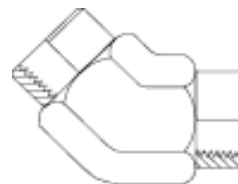
C13500407	1/4 BSPPM x 7/16 JICM 45°
C13500409	1/4 BSPPM x 9/16 JICM 45°
C13500609	3/8 BSPPM x 9/16 JICM 45°
C13500612	3/8 BSPPM x 3/4 JICM 45°
C13500809	1/2 BSPPM x 9/16 JICM 45°
C13500812	1/2 BSPPM x 3/4 JICM 45°
C13500814	1/2 BSPPM x 7/8 JICM 45°
C13501212	3/4 BSPPM x 3/4 JICM 45°
C13501217	3/4 BSPPM x 1-1/16 JICM 45°
C13501617	1 BSPPM x 1-1/16 JICM 45°
C13501621	1 BSPPM x 1-5/16 JICM 45°
C13502026	1-1/4 BSPPM x 1-5/8 JICM 45°
C13502430	1-1/2 BSPPM x 1-7/8 JICM 45°

BSPP Male x ORFS Male 45 Degree



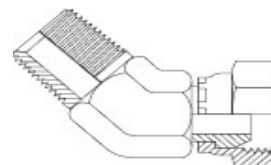
C13880409	1/4 BSPPM x 9/16 ORFSM 45°
C13880411	1/4 BSPPM x 11/16 ORFSM 45°
C13880611	3/8 BSPPM x 11/16 ORFSM 45°
C13880613	3/8 BSPPM x 13/16 ORFSM 45°
C13880811	1/2 BSPPM x 11/16 ORFSM 45°
C13880813	1/2 BSPPM x 13/16 ORFSM 45°
C13880816	1/2 BSPPM x 1 ORFSM 45°
C13880819	1/2 BSPPM x 1-3/16 ORFSM 45°
C13881219	3/4 BSPPM x 1-3/16 ORFSM 45°
C13881623	1 BSPPM x 1-7/16 ORFSM 45°

BSPT Female x BSPT Fixed Female 45 Degree



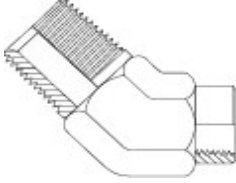
C24240202	1/8 BSPTF x 1/8 BSPTF 45°
C24240404	1/4 BSPTF x 1/4 BSPTF 45°
C24240606	3/8 BSPTF x 3/8 BSPTF 45°
C24240808	1/2 BSPTF x 1/2 BSPTF 45°
C24241212	3/4 BSPTF x 3/4 BSPTF 45°
C24241616	1 BSPTF x 1 BSPTF 45°

BSPT Male x BSPP Female Swivel 45 Degree



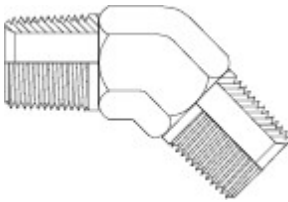
C22170202	1/8 BSPTM x 1/8 BSPFS 45°
C22170404	1/4 BSPTM x 1/4 BSPFS 45°
C22170606	3/8 BSPTM x 3/8 BSPFS 45°
C22170808	1/2 BSPTM x 1/2 BSPFS 45°
C22171212	3/4 BSPTM x 3/4 BSPFS 45°
C22171616	1 BSPTM x 1 BSPFS 45°
C22172020	1-1/4 BSPTM x 1-1/4 BSPFS 45°
C22172424	1-1/2 BSPTM x 1-1/2 BSPFS 45°

BSPT Male x BSPT Fixed Female 45 Degree



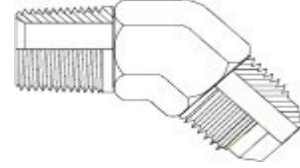
C22240404	1/4 BSPTM x 1/4 BSPTF 45°
C22240606	3/8 BSPTM x 3/8 BSPTF 45°
C22240808	1/2 BSPTM x 1/2 BSPTF 45°
C22241212	3/4 BSPTM x 3/4 BSPTF 45°
C22241616	1 BSPTM x 1 BSPTF 45°

BSPT Male x BSPT Male 45 Degree



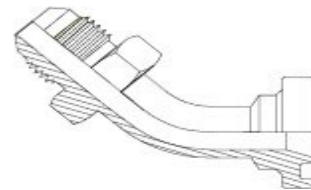
C22220202	1/8 BSPTM x 1/8 BSPTM 45°
C22220204	1/8 BSPTM x 1/4 BSPTM 45°
C22220404	1/4 BSPTM x 1/4 BSPTM 45°
C22220406	1/4 BSPTM x 3/8 BSPTM 45°
C22220606	3/8 BSPTM x 3/8 BSPTM 45°
C22220608	3/8 BSPTM x 1/2 BSPTM 45°
C22220808	1/2 BSPTM x 1/2 BSPTM 45°
C22220812	1/2 BSPTM x 3/4 BSPTM 45°
C22221212	3/4 BSPTM x 3/4 BSPTM 45°
C22221216	3/4 BSPTM x 1 BSPTM 45°
C22221616	1 BSPTM x 1 BSPTM 45°
C22222020	1-1/4 BSPTM x 1-1/4 BSPTM 45°

BSPT Male x JIC Male 45 Degree



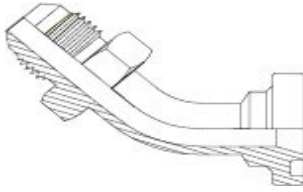
C22500207	1/8 BSPTM x 7/16 JICM 45°
C22500208	1/8 BSPTM x 1/2 JICM 45°
C22500209	1/8 BSPTM x 9/16 JICM 45°
C22500407	1/4 BSPTM x 7/16 JICM 45°
C22500409	1/4 BSPTM x 9/16 JICM 45°
C22500412	1/4 BSPTM x 3/4 JICM 45°
C22500607	3/8 BSPTM x 7/16 JICM 45°
C22500609	3/8 BSPTM x 9/16 JICM 45°
C22500612	3/8 BSPTM x 3/4 JICM 45°
C22500614	3/8 BSPTM x 7/8 JICM 45°
C22500809	1/2 BSPTM x 9/16 JICM 45°
C22500812	1/2 BSPTM x 3/4 JICM 45°
C22500814	1/2 BSPTM x 7/8 JICM 45°
C22500817	1/2 BSPTM x 1-1/16 JICM 45°
C22501212	3/4 BSPTM x 3/4 JICM 45°
C22501214	3/4 BSPTM x 7/8 JICM 45°
C22501217	3/4 BSPTM x 1-1/16 JICM 45°
C22501221	3/4 BSPTM x 1-5/16 JICM 45°
C22501621	1 BSPTM x 1-5/16 JICM 45°
C22502026	1-1/4 BSPTM x 1-5/8 JICM 45°
C22502430	1-1/2 BSPTM x 1-7/8 JICM 45°
C22503240	2 BSPTM x 2-1/2 JICM 45°

JIC Male x Code 61 Flange 45 Degree Swept



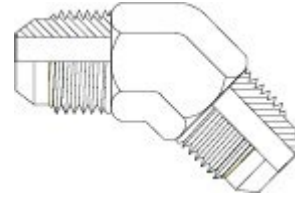
J50381208	3/4 JICM x 1/2 C61 Flange 45
J50381412	7/8 JICM x 3/4 C61 Flange 45
J50381712	1-1/16 JICM x 3/4 C61 Flange 45
J50381716	1-1/16 JICM x 1 C61 Flange 45
J50382112	1-5/16 JICM x 3/4 C61 Flange 45
J50382116	1-5/16 JICM x 1 C61 Flange 45
J50382120	1-5/16 JICM x 1-1/4 C61 Flange 45
J50382620	1-5/8 JICM x 1-1/4 C61 Flange 45
J50382624	1-5/8 JICM x 1-1/2 C61 Flange 45
J50383024	1-7/8 JICM x 1-1/2 C61 Flange 45

JIC Male x Code 62 Flange 45 Degree Swept



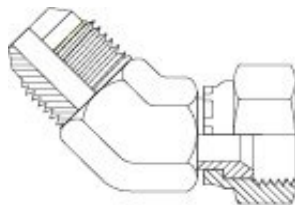
J50391712	1-1/16 JICM x 3/4 C62 Flange 45
J50391716	1-1/16 JICM x 1 C62 Flange 45
J50392116	1-5/16 JICM x 1 C62 Flange 45
J50392120	1-5/16 JICM x 1-1/4 C62 Flange 45
J50392620	1-5/8 JICM x 1-1/4 C62 Flange 45
J50393024	1-7/8 JICM x 1-1/2 C62 Flange 45

JIC Male x JIC Male 45 Degree



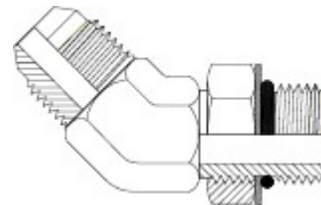
C50500707	7/16 JICM x 7/16 JICM 45°
C50500909	9/16 JICM x 9/16 JICM 45°
C50501212	3/4 JICM x 3/4 JICM 45°
C50501414	7/8 JICM x 7/8 JICM 45°
C50501717	1-1/16 JICM x 1-1/16 JICM 45°
C50502121	1-5/16 JICM x 1-5/16 JICM 45°

JIC Male x JIC Female Swivel 45 Degree



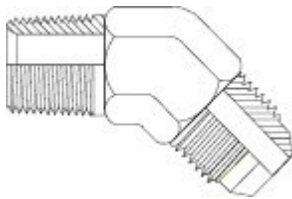
C50530707	7/16 JICM x 7/16 JICFS 45°
C50530808	1/2 JICM x 1/2 JICFS 45°
C50530909	9/16 JICM x 9/16 JICFS 45°
C50531212	3/4 JICM x 3/4 JICFS 45°
C50531414	7/8 JICM x 7/8 JICFS 45°
C50531717	1-1/16 JICM x 1-1/16 JICFS 45°
C50532121	1-5/16 JICM x 1-5/16 JICFS 45°
C50532626	1-5/8 JICM x 1-5/8 JICFS 45°
C50533030	1-7/8 JICM x 1-7/8 JICFS 45°
C50534040	2-1/2 JICM x 2-1/2 JICFS 45°

JIC Male x UNO Male 45 Degree



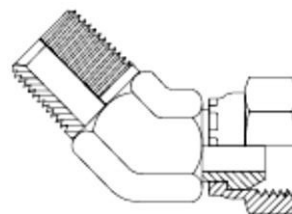
C50570707	7/16 JICM x 7/16 UNOM 45°
C50570709	7/16 JICM x 9/16 UNOM 45°
C50570907	9/16 JICM x 7/16 UNOM 45°
C50570909	9/16 JICM x 9/16 UNOM 45°
C50570912	9/16 JICM x 3/4 UNOM 45°
C50571209	3/4 JICM x 9/16 UNOM 45°
C50571212	3/4 JICM x 3/4 UNOM 45°
C50571214	3/4 JICM x 7/8 UNOM 45°
C50571217	3/4 JICM x 1-1/16 UNOM 45°
C50571412	7/8 JICM x 3/4 UNOM 45°
C50571414	7/8 JICM x 7/8 UNOM 45°
C50571417	7/8 JICM x 1-1/16 UNOM 45°
C50571714	1-1/16 JICM x 7/8 UNOM 45°
C50571717	1-1/16 JICM x 1-1/16 UNOM 45°
C50571721	1-1/16 JICM x 1-5/16 UNOM 45°
C50572117	1-5/16 JICM x 1-1/16 UNOM 45°
C50572121	1-5/16 JICM x 1-5/16 UNOM 45°
C50572126	1-5/16 JICM x 1-5/8 UNOM 45°
C50572626	1-5/8 JICM x 1-5/8 UNOM 45°
C50572630	1-5/8 JICM x 1-7/8 UNOM 45°
C50573030	1-7/8 JICM x 1-7/8 UNOM 45°

NPT Male x JIC Male 45 Degree



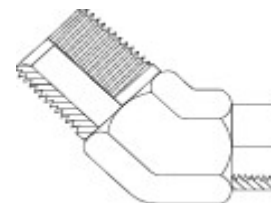
C34500207	1/8 NPTM x 7/16 JICM 45°
C34500208	1/8 NPTM x 1/2 JICM 45°
C34500209	1/8 NPTM x 9/16 JICM 45°
C34500407	1/4 NPTM x 7/16 JICM 45°
C34500408	1/4 NPTM x 1/2 JICM 45°
C34500409	1/4 NPTM x 9/16 JICM 45°
C34500412	1/4 NPTM x 3/4 JICM 45°
C34500607	3/8 NPTM x 7/16 JICM 45°
C34500609	3/8 NPTM x 9/16 JICM 45°
C34500612	3/8 NPTM x 3/4 JICM 45°
C34500614	3/8 NPTM x 7/8 JICM 45°
C34500809	1/2 NPTM x 9/16 JICM 45°
C34500812	1/2 NPTM x 3/4 JICM 45°
C34500814	1/2 NPTM x 7/8 JICM 45°
C34500817	1/2 NPTM x 1-1/16 JICM 45°
C34501212	3/4 NPTM x 3/4 JICM 45°
C34501217	3/4 NPTM x 1-1/16 JICM 45°
C34501617	1 NPTM x 1-1/16 JICM 45°
C34501621	1 NPTM x 1-5/16 JICM 45°
C34501626	1 NPTM x 1-5/8 JICM 45°
C34502021	1-1/4 NPTM x 1-5/16 JICM 45°
C34502026	1-1/4 NPTM x 1-5/8 JICM 45°
C34502430	1-1/2 NPTM x 1-7/8 JICM 45°
C34503240	2 NPTM x 2-1/2 JICM 45°

NPT Female x NPT Female Swivel 45 Degree



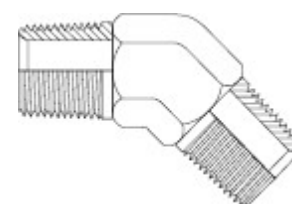
C34300202	1/8 NPTM x 1/8 NPTSF 45°
C34300404	1/4 NPTM x 1/4 NPTSF 45°
C34300606	3/8 NPTM x 3/8 NPTSF 45°
C34300808	1/2 NPTM x 1/2 NPTSF 45°
C34301212	3/4 NPTM x 3/4 NPTSF 45°
C34302424	1-1/2 NPTM x 1-1/2 NPTSF 45°

NPT Male x NPT Fixed Female 45 Degree



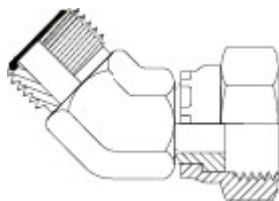
C34360202	1/8 NPTM x 1/8 NPTF 45°
C34360404	1/4 NPTM x 1/4 NPTF 45°
C34360606	3/8 NPTM x 3/8 NPTF 45°
C34360808	1/2 NPTM x 1/2 NPTF 45°
C34361212	3/4 NPTM x 3/4 NPTF 45°
C34361616	1 NPTM x 1 NPTF 45°
C34362020	1-1/4 NPTM x 1-1/4 NPTF 45°

NPT Male x NPT Male 45 Degree



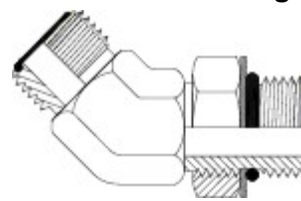
C34340808	1/2 NPTM x 1/2 NPTM 45°
C34341616	1 NPTM x 1 NPTM 45°

ORFS Male x ORFS Female Swivel 45 Degree



C88890909	9/16 ORFSM x 9/16 ORFSF 45°
C88891109	11/16 ORFSM x 9/16 ORFSF 45°
C88891111	11/16 ORFSM x 11/16 ORFSF 45°
C88891313	13/16 ORFSM x 13/16 ORFSF 45°
C88891616	1 ORFSM x 1 ORFSF 45°
C88891919	1-3/16 ORFSM x 1-3/16 ORFSF 45°
C88892323	1-7/16 ORFSM x 1-7/16 ORFSF 45°
C88892727	1-11/16 ORFSM x 1-11/16 ORFSF 45°

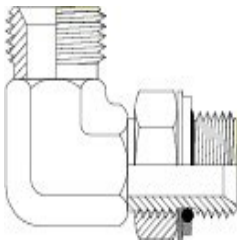
ORFS Male x UNO Male 45 Degree



C57880709	9/16 ORFSM x 7/16 UNOM 45°
C57880909	9/16 ORFSM x 9/16 UNOM 45°
C57880711	11/16 ORFSM x 7/16 UNOM 45°
C57880911	11/16 ORFSM x 9/16 UNOM 45°
C57881211	11/16 ORFSM x 3/4 UNOM 45°
C57881411	11/16 ORFSM x 7/8 UNOM 45°
C57881213	13/16 ORFSM x 3/4 UNOM 45°
C57881413	13/16 ORFSM x 7/8 UNOM 45°
C57881416	1 ORFSM x 7/8 UNOM 45°
C57881719	1-3/16 ORFSM x 1-1/16 UNOM 45°
C57882119	1-3/16 ORFSM x 1-5/16 UNOM 45°
C57881723	1-7/16 ORFSM x 1-1/16 UNOM 45°
C57882123	1-7/16 ORFSM x 1-5/16 UNOM 45°
C57882627	1-11/16 ORFSM x 1-5/8 UNOM 45°

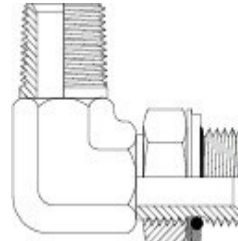
90 Degree Adaptors

BSPP Male x BSPP Male 90 Degree



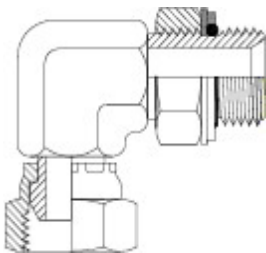
B13220404	1/4 BSPPM x 1/4 BSPPM 90°
B13220406	1/4 BSPPM x 3/8 BSPPM 90°
B13220606	3/8 BSPPM x 3/8 BSPPM 90°
B13220608	3/8 BSPPM x 1/2 BSPPM 90°
B13220808	1/2 BSPPM x 1/2 BSPPM 90°
B13221212	3/4 BSPPM x 3/4 BSPPM 90°
B13221616	1 BSPPM x 1 BSPPM 90°
B13222020	1-1/4 BSPPM x 1-1/4 BSPPM 90°

BSPP Male x BSPT Male 90 Degree



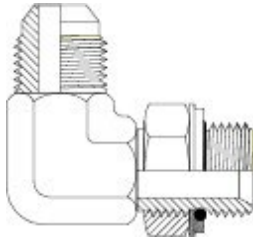
B13220404	1/4 BSPPM x 1/4 BSPTM 90°
B13220604	3/8 BSPPM x 1/4 BSPTM 90°
B13220606	3/8 BSPPM x 3/8 BSPTM 90°
B13220608	3/8 BSPPM x 1/2 BSPTM 90°
B13220806	1/2 BSPPM x 3/8 BSPTM 90°
B13220808	1/2 BSPPM x 1/2 BSPTM 90°
B13220812	1/2 BSPPM x 3/4 BSPTM 90°
B13221208	3/4 BSPPM x 1/2 BSPTM 90°
B13221212	3/4 BSPPM x 3/4 BSPTM 90°
B13221216	3/4 BSPPM x 1 BSPTM 90°
B13221612	1 BSPPM x 3/4 BSPTM 90°
B13221616	1 BSPPM x 1 BSPTM 90°
B13222020	1-1/4 BSPPM x 1-1/4 BSPTM 90°
B13222424	1-1/2 BSPPM x 1-1/2 BSPTM 90°

BSPP Male x BSPP Female Swivel 90 Degree



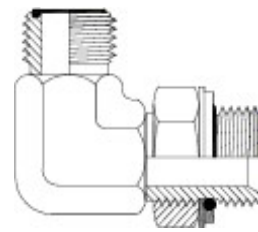
B13170202	1/8 BSPPM x 1/8 BSPFS 90°
B13170404	1/4 BSPPM x 1/4 BSPFS 90°
B13170606	3/8 BSPPM x 3/8 BSPFS 90°
B13170808	1/2 BSPPM x 1/2 BSPFS 90°
B13171212	3/4 BSPPM x 3/4 BSPFS 90°
B13171616	1 BSPPM x 1 BSPFS 90°
B13172020	1-1/4 BSPPM x 1-1/4 BSPFS 90°

BSPP Male x JIC Male 90 Degree



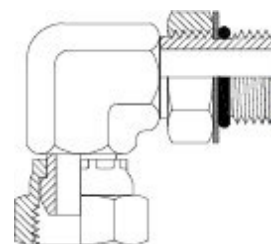
B13500207	1/8 BSPPM x 7/16 JICM 90°
B13500209	1/8 BSPPM x 9/16 JICM 90°
B13500407	1/4 BSPPM x 7/16 JICM 90°
B13500408	1/4 BSPPM x 1/2 JICM 90°
B13500409	1/4 BSPPM x 9/16 JICM 90°
B13500412	1/4 BSPPM x 3/4 JICM 90°
B13500607	3/8 BSPPM x 7/16 JICM 90°
B13500609	3/8 BSPPM x 9/16 JICM 90°
B13500612	3/8 BSPPM x 3/4 JICM 90°
B13500614	3/8 BSPPM x 7/8 JICM 90°
B13500807	1/2 BSPPM x 7/16 JICM 90°
B13500809	1/2 BSPPM x 9/16 JICM 90°
B13500812	1/2 BSPPM x 3/4 JICM 90°
B13500814	1/2 BSPPM x 7/8 JICM 90°
B13500817	1/2 BSPPM x 1-1/16 JICM 90°
B13501212	3/4 BSPPM x 3/4 JICM 90°
B13501214	3/4 BSPPM x 7/8 JICM 90°
B13501217	3/4 BSPPM x 1-1/16 JICM 90°
B13501221	3/4 BSPPM x 1-5/16 JICM 90°
B13501617	1 BSPPM x 1-1/16 JICM 90°
B13501621	1 BSPPM x 1-5/16 JICM 90°
B13501626	1 BPPM x 1-5/8 JICM 90°
B13502017	1-1/4 BSPPM x 1-1/16 JICM 90°
B13502021	1-1/4 BSPPM x 1-5/16 JICM 90°
B13502026	1-1/4 BSPPM x 1-5/8 JICM 90°
B13502030	1-1/4 BSPPM x 1-7/8 JICM 90°
B13502426	1-1/2 BSPPM x 1-5/8 JICM 90°
B13502430	1-1/2 BSPPM x 1-7/8 JICM 90°
B13503240	2 BSPPM x 2-1/2 JICM 90°

BSPP Male x ORFS Male 90 Degree



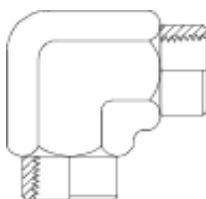
B13880209	1/8 BSPPM x 9/16 ORFSM 90°
B13880409	1/4 BSPPM x 9/16 ORFSM 90°
B13880411	1/4 BSPPM x 11/16 ORFSM 90°
B13880413	1/4 BSPPM x 13/16 ORFSM 90°
B13880609	3/8 BSPPM x 9/16 ORFSM 90°
B13880611	3/8 BSPPM x 11/16 ORFSM 90°
B13880613	3/8 BSPPM x 13/16 ORFSM 90°
B13880811	1/2 BSPPM x 11/16 ORFSM 90°
B13880813	1/2 BSPPM x 13/16 ORFSM 90°
B13880816	1/2 BSPPM x 1 ORFSM 90°
B13880819	1/2 BSPPM x 1-3/16 ORFSM 90°
B13881213	3/4 BSPPM x 13/16 ORFSM 90°
B13881216	3/4 BSPPM x 1 ORFSM 90°
B13881219	3/4 BSPPM x 1-3/16 ORFSM 90°
B13881223	3/4 BSPPM x 1-7/16 ORFSM 90°
B13881619	1 BSPPM x 1-3/16 ORFSM 90°
B13881623	1 BSPPM x 1-7/16 ORFSM 90°

BSPP Female Swivel x UNO Male 90 Degree



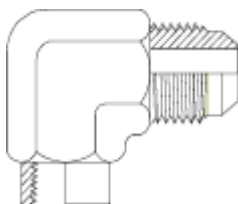
B17570609	3/8 BSPFS x 9/16 UNOM 90°
B17570612	3/8 BSPFS x 3/4 UNOM 90°
B17570812	1/2 BSPFS x 3/4 UNOM 90°
B17570814	1/2 BSPFS x 7/8 UNOM 90°
B17571217	3/4 BSPFS x 1-1/16 UNOM 90°

BSPT Female x BSPT Female Fixed 90 Degree



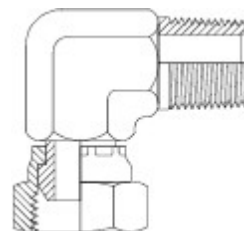
B24240202	1/8 BSPTF x 1/8 BSPTF 90°
B24240204	1/8 BSPTF X 1/4 BSPTF 90°
B24240404	1/4 BSPTF x 1/4 BSPTF 90°
B24240606	3/8 BSPTF x 3/8 BSPTF 90°
B24240608	3/8 BSPTF x 1/2 BSPTF 90°
B24240808	1/2 BSPTF x 1/2 BSPTF 90°
B24241212	3/4 BSPTF x 3/4 BSPTF 90°
B24241616	1 BSPTF x 1 BSPTF 90°
B24242020	1-1/4 BSPTF x 1-1/4 BSPTF 90°
B24242424	1-1/2 BSPTF X 1-1/2 BSPTF 90°
B24243232	2 BSPTF X 2 BSPTF 90°

BSPT Fixed Female x JIC Male 90 Degree



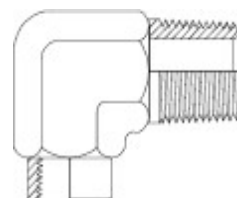
B24500409	1/4 BSPTF x 9/16 JICM 90°
B24500812	1/2 BSPTF x 3/4 JICM 90°
B24501217	3/4 BSPTF x 1-1/16 JICM 90°

BSPT Male x BSPP Female Swivel 90 Degree



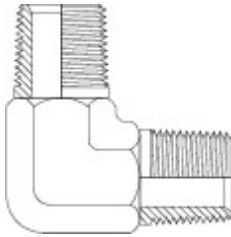
B22170202	1/8 BSPTM x 1/8 BSPFS 90°
B22170404	1/4 BSPTM x 1/4 BSPFS 90°
B22170406	1/4 BSPTM x 3/8 BSPFS 90°
B22170604	3/8 BSPTM x 1/4 BSPFS 90°
B22170606	3/8 BSPTM x 3/8 BSPFS 90°
B22170608	3/8 BSPTM x 1/2 BSPFS 90°
B22170806	1/2 BSPTM x 3/8 BSPFS 90°
B22170808	1/2 BSPTM x 1/2 BSPFS 90°
B22170812	1/2 BSPTM X 3/4 BSPFS 90°
B22171208	3/4 BSPTM x 1/2 BSPFS 90°
B22171212	3/4 BSPTM x 3/4 BSPFS 90°
B22171216	3/4 BSPTM x 1 BSPFS 90°
B22171616	1 BSPTM x 1 BSPFS 90°
B22172020	1-1/4 BSPTM x 1-1/4 BSPFS 90°
B22172424	1-1/2 BSPTM x 1-1/2 BSPFS 90°
B22173232	2 BSPTM x 2 BSPFS 90°

BSPT Male x BSPT Fixed Female 90 Degree



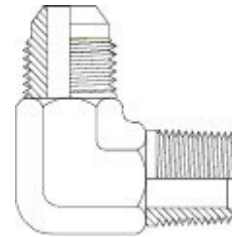
B22240202	1/8 BSPTM x 1/8 BSPTF 90°
B22240404	1/4 BSPTM x 1/4 BSPTF 90°
B22240606	3/8 BSPTM x 3/8 BSPTF 90°
B22240608	3/8 BSPTM x 1/2 BSPTF 90°
B22240806	1/2 BSPTM x 3/8 BSPTF 90°
B22240808	1/2 BSPTM x 1/2 BSPTF 90°
B22241208	3/4 BSPTM x 1/2 BSPTF 90°
B22241212	3/4 BSPTM x 3/4 BSPTF 90°
B22241616	1 BSPTM x 1 BSPTF 90°
B22242020	1-1/4 BSPTM x 1-1/4 BSPTF 90°
B22242424	1-1/2 BSPTM x 1-1/2 BSPTF 90°
B22243232	2 BSPTM x 2 BSPTF 90°

BSPT Male x BSPT Male 90 Degree



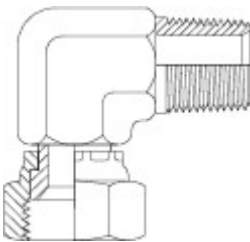
B22220202	1/8 BSPTM x 1/8 BSPTM 90°
B22220204	1/8 BSPTM x 1/4 BSPTM 90°
B22220404	1/4 BSPTM x 1/4 BSPTM 90°
B22220406	1/4 BSPTM x 3/8 BSPTM 90°
B22220408	1/4 BSPTM x 1/2 BSPTM 90°
B22220606	3/8 BSPTM x 3/8 BSPTM 90°
B22220608	3/8 BSPTM x 1/2 BSPTM 90°
B22220808	1/2 BSPTM x 1/2 BSPTM 90°
B22220812	1/2 BSPTM x 3/4 BSPTM 90°
B22221212	3/4 BSPTM x 3/4 BSPTM 90°
B22221216	3/4 BSPTM x 1 BSPTM 90°
B22221616	1 BSPTM x 1 BSPTM 90°
B22221620	1 BSPTM x 1-1/4 BSPTM 90°
B20202020	1-1/4 BSPTM x 1-1/4 BSPTM 90°
B20202424	1-1/2 BSPTM x 1-1/2 BSPTM 90°
B22223232	2 BSPTM x 2 BSPTM 90°

BSPT Male x JIC Male 90 Degree



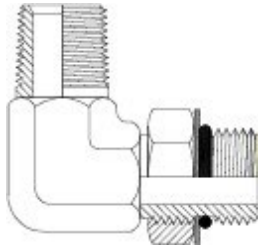
B22250207	1/8 BSPTM x 7/16 JICM 90°
B22500208	1/8 BSPTM x 1/2 JICM 90°
B22500209	1/8 BSPTM x 9/16 JICM 90°
B22500407	1/4 BSPTM x 7/16 JICM 90°
B22500408	1/4 BSPTM x 1/2 JICM 90°
B22500409	1/4 BSPTM x 9/16 JICM 90°
B22500412	1/4 BSPTM x 3/4 JICM 90°
B22500607	3/8 BSPTM x 7/16 JICM 90°
B22500609	3/8 BSPTM x 9/16 JICM 90°
B22500612	3/8 BSPTM x 3/4 JICM 90°
B22500614	3/8 BSPTM x 7/8 JICM 90°
B22500807	1/2 BSPTM x 7/16 JICM 90°
B22500809	1/2 BSPTM x 9/16 JICM 90°
B22500812	1/2 BSPTM x 3/4 JICM 90°
B22500814	1/2 BSPTM x 7/8 JICM 90°
B22500817	1/2 BSPTM x 1-1/16 JICM 90°
B22501209	3/4 BSPTM x 9/16 JICM 90°
B22501212	3/4 BSPTM x 3/4 JICM 90°
B22501214	3/4 BSPTM x 7/8 JICM 90°
B22501217	3/4 BSPTM x 1-1/16 JICM 90°
B22501221	3/4 BSPTM x 1-5/16 JICM 90°
B22501614	1 BSPTM x 7/8 JICM 90°
B22501617	1 BSPTM x 1-1/16 JICM 90°
B22501621	1 BSPTM x 1-5/16 JICM 90°
B22501626	1 BSPTM x 1-5/8 JICM 90°
B22502017	1-1/4 BSPTM x 1-1/16 JICM 90°
B22502021	1-1/4 BSPTM x 1-5/16 JICM 90°
B22502026	1-1/4 BSPTM x 1-5/8 JICM 90°
B22502030	1-1/4 BSPTM x 1-7/8 JICM 90°
B22502426	1-1/2 BSPTM x 1-5/8 JICM 90°
B22502430	1-1/2 BSPTM x 1-7/8 JICM 90°
B22502440	1-1/2 BSPTM x 2-1/2 JICM 90°
B22503240	2 BSPTM x 2-1/2 JICM 90°

BSPT Male x JIC Female Swivel 90 Degree



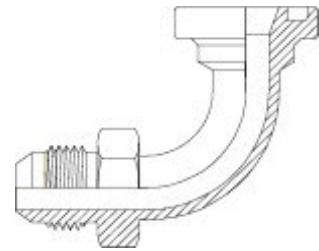
B22530407	1/4 BSPTM x 7/16 JICFS 90°
B22530409	1/4 BSPTM x 9/16 JICFS 90°
B22530609	3/8 BSPTM x 9/16 JICFS 90°
B22530612	3/8 BSPTM x 3/4 JICFS 90°
B22530614	3/8 BSPTM x 7/8 JICFS 90°
B22530812	1/2 BSPTM x 3/4 JICFS 90°
B22530814	1/2 BSPTM x 7/8 JICFS 90°
B22531217	3/4 BSPTM x 1-1/16 JICFS 90°
B22531621	1 BSPTM x 1-5/16 JICFS 90°

BSPT Male x UNO Male 90 Degree



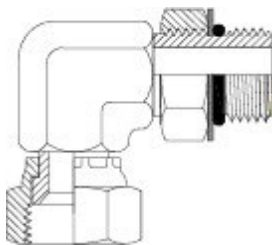
B22570407	1/4 BSPTM x 7/16 UNOM 90°
B22570409	1/4 BSPTM x 9/16 UNOM 90°
B22570412	1/4 BSPTM x 3/4 UNOM 90°
B22570609	3/8 BSPTM x 9/16 UNOM 90°
B22570612	3/8 BSPTM x 3/4 UNOM 90°
B22570614	3/8 BSPTM x 7/8 UNOM 90°
B22570812	1/2 BSPTM x 3/4 UNOM 90°
B22570814	1/2 BSPTM x 7/8 UNOM 90°
B22570817	1/2 BSPTM x 1-1/16 UNOM 90°
B22571214	3/4 BSPTM x 7/8 UNOM 90°
B22571217	3/4 BSPTM x 1-1/16 UNOM 90°
B22571617	1 BSPTM x 1-1/16 UNOM 90°
B22571621	1 BSPTM x 1-5/16 UNOM 90°
B22571626	1 BSPTM x 1-5/8 UNOM 90°

JIC Male x Code 61 Flange 90 Degree Swept



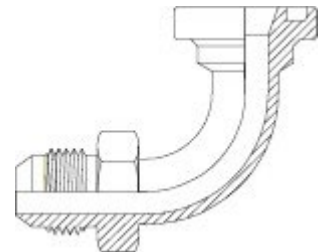
G50381208	3/4 JICM x 1/2 C61 Flange 90°
G50381212	3/4 JICM x 3/4 C61 Flange 90°
G50381712	1-1/16 JICM x 3/4 C61 Flange 90°
G50381716	1-1/16 JICM x 1 C61 Flange 90°
G50382112	1-5/16 JICM x 3/4 C61 Flange 90°
G50382116	1-5/16 JICM x 1 C61 Flange 90°
G50382120	1-5/16 JICM x 1-1/4 C61 Flange 90°
G50382616	1-5/8 JICM x 1 C61 Flange 90°
G50382620	1-5/8 JICM x 1-1/4 C61 Flange 90°
G50382624	1-5/8 JICM x 1-1/2 C61 Flange 90°
G50383020	1-7/8 JICM x 1-1/4 C61 Flange 90°
G50383024	1-7/8 JICM x 1-1/2 C61 Flange 90°
G50384032	2-1/2 JICM x 2 C61 Flange 90°

JIC Female Swivel x UNO Male 90 Degree



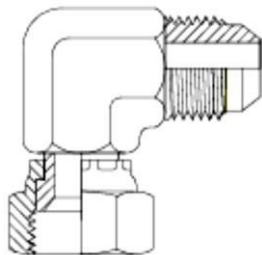
B53570707	7/16 JICFS x 7/16 UNOM 90°
B53570909	9/16 JICFS x 9/16 UNOM 90°
B53571212	3/4 JICFS x 3/4 UNOM 90°
B53571214	3/4 JICFS x 7/8 UNOM 90°
B53571414	7/8 JICFS x 7/8 UNOM 90°
B53571717	1-1/16 JICFS x 1-1/16 UNOM 90°
B53572121	1-5/16 JICFS x 1-5/16 UNOM 90°

JIC Male x Code 62 Flange 90 Degree Swept



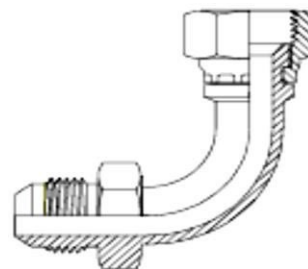
G50391208	3/4 JICM x 1/2 C62 Flange 90°
G50391712	1-1/16 JICM x 3/4 C62 Flange 90°
G50391716	1-1/16 JICM x 1 C62 Flange 90°
G50391720	1-1/16 JICM x 1-1/4 C62 Flange 90°
G50392112	1-5/16 JICM x 3/4 C62 Flange 90°
G50392116	1-5/16 JICM x 1 C62 Flange 90°
G50392120	1-5/16 JICM x 1-1/4 C62 Flange 90°
G50392616	1-5/8 JICM x 1 C62 Flange 90°
G50392620	1-5/8 JICM x 1-1/4 C62 Flange 90°
G50392624	1-5/8 JICM x 1-1/2 C62 Flange 90°
G50393020	1-7/8 JICM x 1-1/4 C62 Flange 90°
G50393024	1-7/8 JICM x 1-1/2 C62 Flange 90°

JIC Male x JIC Female Swivel 90 Degree



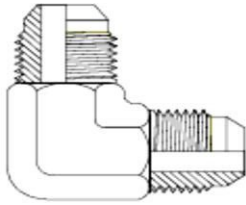
B50530707	7/16 JICM x 7/16 JICFS 90°
B50530808	1/2 JICM x 1/2 JICFS 90°
B50530909	9/16 JICM x 9/16 JICFS 90°
B50531209	3/4 JICM x 9/16 JICFS 90°
B50531212	3/4 JICM x 3/4 JICFS 90°
B50531214	3/4 JICM x 7/8 JICFS 90°
B50531217	3/4 JICM x 1-1/16 JICFS 90°
B50531412	7/8 JICM x 3/4 JICFS 90°
B50531414	7/8 JICM x 7/8 JICFS 90°
B50531417	7/8 JICM x 1-1/16 JICFS 90°
B50531712	1-1/16 JICM x 3/4 JICFS 90°
B50531714	1-1/16 JICM x 7/8 JICFS 90°
B50531717	1-1/16 JICM x 1-1/16 JICFS 90°
B50531721	1-1/16 JICM x 1-5/16 JICFS 90°
B50532121	1-5/16 JICM x 1-5/16 JICFS 90°
B50532626	1-5/8 JICM x 1-5/8 JICFS 90°
B50533030	1-7/8 JICM x 1-7/8 JICFS 90°
B50534040	2-1/2 JICM x 2-1/2 JICFS 90°

JIC Male x JIC Female Swivel 90° Swept



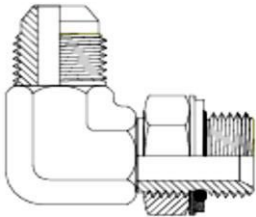
G50530707	7/16 JICM x 7/16 JICFS 90 Swept
G50530707E	7/16 JICM x 7/16 JICFS 90 Long
G50530909	9/16 JICM x 9/16 JICFS 90 Swept
G50530909E	9/16 JICM x 9/16 JICFS 90 Long
G50531212	3/4 JICM x 3/4 JICFS 90 Swept
G50531212E	3/4 JICM x 3/4 JICFS 90 Long
G50531414	7/8 JICM x 7/8 JICFS 90 Swept
G50531414E	7/8 JICM x 7/8 JICFS 90 Long
G50531717	1-1/16 JICM x 1-1/16 JICFS 90 Swept
G50531717E	1-1/16 JICM x 1-1/16 JICFS 90 Long
G50532121	1-5/16 JICM x 1-5/16 JICFS 90 Swept
G50532121E	1-5/16 JICM x 1-5/16 JICFS 90 Long
G50532626	1-5/8 JICM x 1-5/8 JICFS 90 Swept
G50532626E	1-5/8 JICM x 1-5/8 JICFS 90 Long

JIC Male x JIC Male 90 Degree



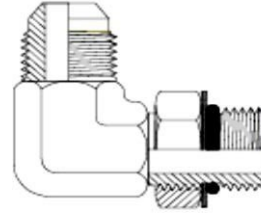
B5050707	7/16 JICM x 7/16 JICM 90°
B50500808	1/2 JICM x 1/2 JICM 90°
B50500809	1/2 JICM x 9/16 JICM 90°
B50500909	9/16 JICM x 9/16 JICM 90°
B50500912	9/16 JICM x 3/4 JICM 90°
B50501212	3/4 JICM x 3/4 JICM 90°
B50501214	3/4 JICM x 7/8 JICM 90°
B50501217	3/4 JICM x 1-1/16 JICM 90°
B50501414	7/8 JICM x 7/8 JICM 90°
B50501417	7/8 JICM x 1-1/16 JICM 90°
B50501717	1-1/16 JICM x 1-1/16 JICM 90°
B50501721	1-1/16 JICM x 1-5/16 JICM 90°
B50502121	1-5/16 JICM x 1-5/16 JICM 90°
B50502626	1-5/8 JICM x 1-5/8 JICM 90°
B50503030	1-7/8 JICM x 1-7/8 JICM 90°
B50504040	2-1/2 JICM x 2-1/2 JICM 90°

JIC Male x Metric Male Stud 90 Degree



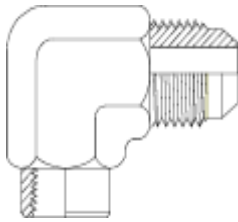
B50610914	9/16 JICM x 14mm Metric 90°
B50610916	9/16 JICM x 16mm Metric 90°
B50610918	9/16 JICM x 18mm Metric 90°
B50611216	3/4 JICM x 16mm Metric 90°
B50611218	3/4 JICM x 18mm Metric 90°
B50611222	3/4 JICM x 22mm Metric 90°
B50611420	7/8 JICM x 20mm Metric 90°
B50611422	7/8 JICM x 22mm Metric 90°
B50611722	1-1/16 JICM x 22mm Metric 90°

JIC Male x UNO Male 90 Degree



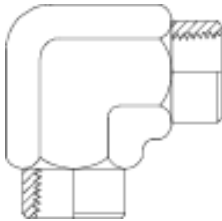
B50570707	7/16 JICM x 7/16 UNOM 90°
B50570708	7/16 JICM x 1/2 UNOM 90°
B50570709	7/16 JICM x 9/16 UNOM 90°
B50570712	7/16 JICM x 3/4 UNOM 90°
B50570808	1/2 JICM x 1/2 UNOM 90°
B50570809	1/2 JICM x 9/16 UNOM 90°
B50570907	9/16 JICM x 7/16 UNOM 90°
B50570908	9/16 JICM x 1/2 UNOM 90°
B50570909	9/16 JICM x 9/16 UNOM 90°
B50570909E	9/16 JICM x 9/16 UNOM 90° EXT
B50570909EE	9/16 JICM x 9/16 UNOM 90° EXT Long
B50570912	9/16 JICM x 3/4 UNOM 90°
B50570914	9/16 JICM x 7/8 UNOM 90°
B50570917	9/16 JICM x 1-1/16 UNOM 90°
B50571207	3/4 JICM x 7/16 UNOM 90°
B50571209	3/4 JICM x 9/16 UNOM 90°
B50571212	3/4 JICM x 3/4 UNOM 90°
B50571214	3/4 JICM x 7/8 UNOM 90°
B50571217	3/4 JICM x 1-1/16 UNOM 90°
B50571221	3/4 JICM x 1-5/16 UNOM 90°
B50571409	7/8 JICM x 9/16 UNOM 90°
B50571412	7/8 JICM x 3/4 UNOM 90°
B50571414	7/8 JICM x 7/8 UNOM 90°
B50571417	7/8 JICM x 1-1/16 UNOM 90°
B50571712	1-1/16 JICM x 3/4 UNOM 90°
B50571714	1-1/16 JICM x 7/8 UNOM 90°
B50571717	1-1/16 JICM x 1-1/16 UNOM 90°
B50571719	1-1/16 JICM x 1-3/16 UNOM 90°
B50571721	1-1/16 JICM x 1-5/16 UNOM 90°
B50572117	1-5/16 JICM x 1-1/16 UNOM 90°
B50572121	1-5/16 JICM x 1-5/16 UNOM 90°
B50572126	1-5/16 JICM x 1-5/8 UNOM 90°
B50572130	1-5/16 JICM x 1-7/8 UNOM 90°
B50572621	1-5/8 JICM x 1-5/16 UNOM 90°
B50572626	1-5/8 JICM x 1-5/8 UNOM 90°
B50572630	1-5/8 JICM x 1-7/8 UNOM 90°
B50573026	1-7/8 JICM x 1-5/8 UNOM 90°
B50573030	1-7/8 JICM x 1-7/8 UNOM 90°
B50574040	2-1/2 JICM x 2-1/2 UNOM 90°

NPT Female x JIC Male 90 Degree



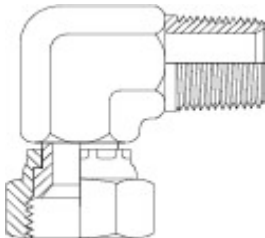
B36500407	1/4 NPTF x 7/16 JICM 90°
B36500409	1/4 NPTF x 9/16 JICM 90°
B36500609	3/8 NPTF x 9/16 JICM 90°
B36500812	1/2 NPTF x 3/4 JICM 90°

NPT Female x NPT Female Fixed 90 Degree



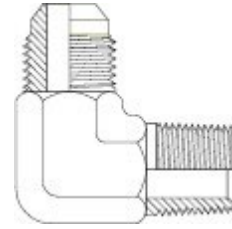
B36360202	1/8 NPTF x 1/8 NPTF 90°
B36360404	1/4 NPTF x 1/4 NPTF 90°
B36360606	3/8 NPTF x 3/8 NPTF 90°
B36360808	1/2 NPTF x 1/2 NPTF 90°
B36361212	3/4 NPTF x 3/4 NPTF 90°
B36361616	1 NPTF x 1 NPTF 90°
B36362020	1-1/4 NPTF x 1-1/4 NPTF 90°
B36362424	1-1/2 NPTF x 1-1/2 NPTF 90°
B36363232	2 NPTF x 2 NPTF 90°

NPT Male x JIC Female Swivel 90 Degree



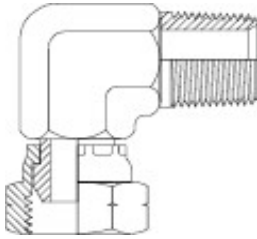
B34530609	3/8 NPTM x 9/16 JICFS 90°
B34530812	1/2 NPTM x 3/4 JICFS 90°
B34530814	1/2 NPTM x 7/8 JICFS 90°
B34531217	3/4 NPTM x 1-1/16 JICFS 90°

NPT Male x JIC Male 90 Degree



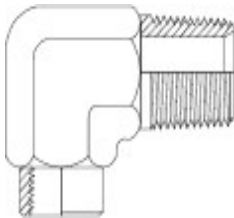
B34500207	1/8 NPTM x 7/16 JICM 90°
B34500207E	1/8 NPTM x 7/16 JICM 90° 30mm
B34500207EE	1/8 NPTM x 7/16 JICM 90° 40mm
B34500207EEE	1/8 NPTM x 7/16 JICM 90° 58mm
B34500208	1/8 NPTM x 1/2 JICM 90°
B34500209	1/8 NPTM x 9/16 JICM 90°
B34500407	1/4 NPTM x 7/16 JICM 90°
B34500408	1/4 NPTM x 1/2 JICM 90°
B34500409	1/4 NPTM x 9/16 JICM 90°
B34500409E	1/4 NPTM x 9/16 JICM 90° 30mm
B34500409EE	1/4 NPTM x 9/16 JICM 90° 40mm
B34500412	1/4 NPTM x 3/4 JICM 90°
B34500607	3/8 NPTM x 7/16 JICM 90°
B34500609	3/8 NPTM x 9/16 JICM 90°
B34500612	3/8 NPTM x 3/4 JICM 90°
B34500614	3/8 NPTM x 7/8 JICM 90°
B34500807	1/2 NPTM x 7/16 JICM 90°
B34500809	1/2 NPTM x 9/16 JICM 90°
B34500812	1/2 NPTM x 3/4 JICM 90°
B34500814	1/2 NPTM x 7/8 JICM 90°
B34500814E	1/2 NPTM x 7/8 JICM 90° 30mm
B34500817	1/2 NPTM x 1-1/16 JICM 90°
B34501209	3/4 NPTM x 9/16 JICM 90°
B34501212	3/4 NPTM x 3/4 JICM 90°
B34501214	3/4 NPTM x 7/8 JICM 90°
B34501217	3/4 NPTM x 1-1/16 JICM 90°
B34501221	3/4 NPTM x 1-5/16 JICM 90°
B34501617	1 NPTM x 1-1/16 JICM 90°
B34501621	1 NPTM x 1-5/16 JICM 90°
B34501626	1 NPTM x 1-5/8 JICM 90°
B34502021	1-1/4 NPTM x 1-5/16 JICM 90°
B34502026	1-1/4 NPTM x 1-5/8 JICM 90°
B34502030	1-1/4 NPTM x 1-7/8 JICM 90°
B34502421	1-1/2 NPTM x 1-5/16 JICM 90°
B34502426	1-1/2 NPTM x 1-5/8 JICM 90°
B34502430	1-1/2 NPTM x 1-7/8 JICM 90°
B34503240	2 NPTM x 2-1/2 JICM 90°

NPT Male x NPT Female Swivel 90 Degree



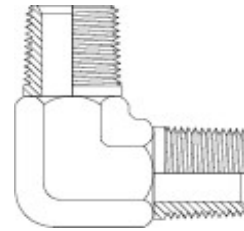
B34300202	1/8 NPTM x 1/8 NPTSF 90°
B34300404	1/4 NPTM x 1/4 NPTSF 90°
B34300406	1/4 NPTM x 3/8 NPTSF 90°
B34300604	3/8 NPTM x 1/4 NPTSF 90°
B34300606	3/8 NPTM x 3/8 NPTSF 90°
B34300608	3/8 NPTM x 1/2 NPTSF 90°
B34300804	1/2 NPTM x 1/4 NPTSF 90°
B34300806	1/2 NPTM x 3/8 NPTSF 90°
B34300808	1/2 NPTM x 1/2 NPTSF 90°
B34300812	1/2 NPTM x 3/4 NPTSF 90°
B34301208	3/4 NPTM x 1/2 NPTSF 90°
B34301212	3/4 NPTM x 3/4 NPTSF 90°
B34301216	3/4 NPTM x 1 NPTSF 90°
B34302020	1-1/4 NPTM x 1-1/4 NPTSF 90°

NPT Male x NPT Fixed Female 90 Degree



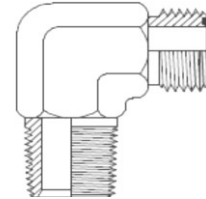
B34360202	1/8 NPTM x 1/8 NPTF 90°
B34360404	1/4 NPTM x 1/4 NPTF 90°
B34360604	3/8 NPTM x 1/4 NPTF 90°
B34360606	3/8 NPTM x 3/8 NPTF 90°
B34360808	1/2 NPTM x 1/2 NPTF 90°
B34360812	1/2 NPTM x 3/4 NPTF 90°
B34361208	3/4 NPTM x 1/2 NPTF 90°
B34361212	3/4 NPTM x 3/4 NPTF 90°
B34361616	1 NPTM x 1 NPTF 90°
B34362020	1-1/4 NPTM x 1-1/4 NPTF 90°
B34362424	1-1/2 NPTM x 1-1/2 NPTF 90°
B34363232	2 NPTM x 2 NPTF 90°

NPT Male x NPT Male 90 Degree



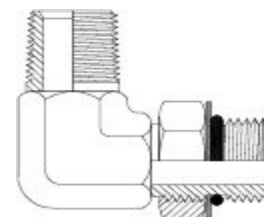
B34340202	1/8 NPTM x 1/8 NPTM 90°
B34340404	1/4 NPTM x 1/4 NPTM 90°
B34340406	1/4 NPTM x 3/8 NPTM 90°
B34340606	3/8 NPTM x 3/8 NPTM 90°
B34340608	3/8 NPTM x 1/2 NPTM 90°
B34340808	1/2 NPTM x 1/2 NPTM 90°
B34340812	1/2 NPTM x 3/4 NPTM 90°
B34341212	3/4 NPTM x 3/4 NPTM 90°
B34341616	1 NPTM x 1 NPTM 90°
B34342020	1-1/4 NPTM x 1-1/4 NPTM 90°
B34342424	1-1/2 NPTM x 1-1/2 NPTM 90°
B34343232	2 NPTM x 2 NPTM 90°

NPT Male x ORFS Male 90 Degree



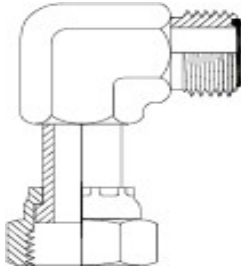
B34880409	1/4 NPTM x 9/16 ORFSM 90°
B34880411	1/4 NPTM x 11/16 ORFSM 90°
B34880609	3/8 NPTM x 9/16 ORFSM 90°
B34880613	3/8 NPTM x 13/16 ORFSM 90°
B34880813	1/2 NPTM x 13/16 ORFSM 90°
B34880816	1/2 NPTM x 1 ORFSM 90°
B34881216	3/4 NPTM x 1 ORFSM 90°
B34881219	3/4 NPTM x 1-3/16 ORFSM 90°
B34881619	1 NPTM x 1-3/16 ORFSM 90°

NPT Male x UNO Male 90 Degree



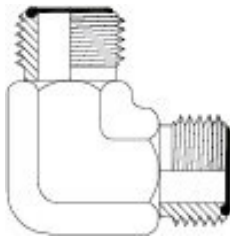
B34570407	1/4 NPTM x 7/16 UNOM 90°
B34571217	3/4 NPTM x 1-1/16 UNOM 90°

ORFS Male x ORFS Female Swivel 90 Degree



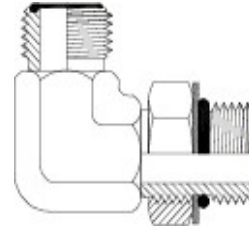
B88890909	9/16 ORFSM x 9/16 ORFSF 90°
B88891111	11/16 ORFSM x 11/16 ORFSF 90°
B88891313	13/16 ORFSM x 13/16 ORFSF 90°
B88891616	1 ORFSM x 1 ORFSF 90°
B88891919	1-3/16 ORFSM x 1-3/16 ORFSF 90°
B88892323	1-7/16 ORFSM x 1-7/16 ORFSF 90°
B88892727	1-11/16 ORFSM x 1-11/16 ORFSF 90°
B88893232	2 ORFSM x 2 ORFSF 90°

ORFS Male x ORFS Male 90 Degree



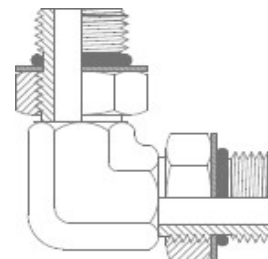
B88880909	9/16 ORFSM x 9/16 ORFSM 90°
B88881111	11/16 ORFSM x 11/16 ORFSM 90°
B88881313	13/16 ORFSM x 13/16 ORFSM 90°
B88881616	1 ORFSM x 1 ORFSM 90°
B88881919	1-3/16 ORFSM x 1-3/16 ORFSM 90°
B88882323	1-7/16 ORFSM x 1-7/16 ORFSM 90°
B88882727	1-11/16 ORFSM x 1-11/16 ORFSM 90°

ORFS Male x UNO Male 90 Degree



B57880709	9/16 ORFSM x 7/16 UNOM 90°
B57880909	9/16 ORFSM x 9/16 UNOM 90°
B57880711	11/16 ORFSM x 7/16 UNOM 90°
B57880811	11/16 ORFSM x 1/2 UNOM 90°
B57880911	11/16 ORFSM x 9/16 UNOM 90°
B57881211	11/16 ORFSM x 3/4 UNOM 90°
B57881411	11/16 ORFSM x 7/8 UNOM 90°
B57880913	13/16 ORFSM x 9/16 UNOM 90°
B57881213	13/16 ORFSM x 3/4 UNOM 90°
B57881413	13/16 ORFSM x 7/8 UNOM 90°
B57881713	13/16 ORFSM x 1-1/16 UNOM 90°
B57881216	1 ORFSM x 3/4 UNOM 90°
B57881416	1 ORFSM x 7/8 UNOM 90°
B57881716	1 ORFSM x 1-1/16 UNOM 90°
B57881219	1-3/16 ORFSM x 3/4 UNOM 90°
B57881419	1-3/16 ORFSM x 7/8 UNOM 90°
B57881419	1-3/16 ORFSM x 1-1/16 UNOM 90°
B57882119	1-3/16 ORFSM x 1-5/16 UNOM 90°
B57882317	1-7/16 ORFSM x 1-1/16 UNOM 90°
B57882123	1-7/16 ORFSM x 1-5/16 UNOM 90°
B57882627	1-11/16 ORFSM x 1-5/8 UNOM 90°
B57883027	1-11/16 ORFSM x 1-7/8 UNOM 90°

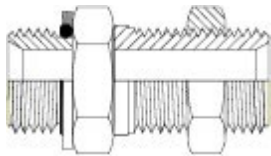
UNO Male x UNO Male 90 Degree



B57570909	9/16 UNOM x 9/16 UNOM 90°
B57570912	9/16 UNOM x 3/4 UNOM 90°
B57571212	3/4 UNOM x 3/4 UNOM 90°

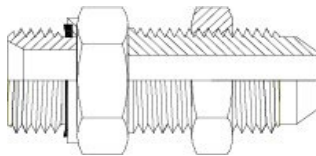
Bulkheads

BSPP Male x BSPP Bulkhead



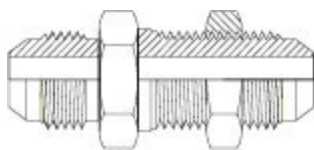
A10250202	1/8 BSPP Bulkhead
A10250404	1/4 BSPP Bulkhead
A10250606	3/8 BSPP Bulkhead
A10250808	1/2 BSPP Bulkhead
A10251212	3/4 BSPP Bulkhead
A10251616	1 BSPP Bulkhead
A10252020	1-1/4 BSPP Bulkhead
A10252424	1-1/2 BSPP Bulkhead
A10253232	2 BSPP Bulkhead

BSPP Male x JIC Male Bulkhead



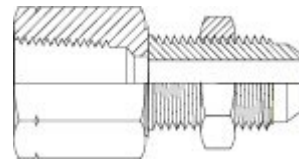
A10510407	1/4 BSPP x 7/16 JICM Bulkhead
A10510609	3/8 BSPP x 9/16 JICM Bulkhead
A10510812	1/2 BSPP x 3/4 JICM Bulkhead
A10510814	1/2 BSPP x 7/8 JICM Bulkhead

JIC Male x JIC Bulkhead



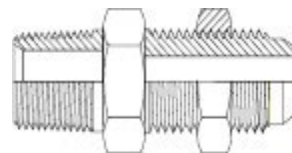
A50510707	7/16 JICM Bulkhead
A50510808	1/2 JICM Bulkhead
A50510909	9/16 JICM Bulkhead
A50511212	3/4 JICM Bulkhead
A50511414	7/8 JICM Bulkhead
A50511717	1-1/16 JICM Bulkhead
A50512121	1-5/16 JICM Bulkhead
A50512626	1-5/8 JICM Bulkhead
A50513030	1-7/8 JICM Bulkhead
A50514040	2 JICM Bulkhead

NPT Fixed Female x JIC Bulkhead



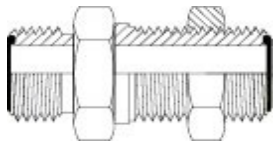
A36510407	1/4 NPTF x 7/16 JICM Bulkhead
A36510607	3/8 NPTF x 7/16 JICM Bulkhead
A36510609	3/8 NPTF x 9/16 JICM Bulkhead
A36510814	1/2 NPTF x 7/8 JICM Bulkhead

NPT Male x JIC Bulkhead



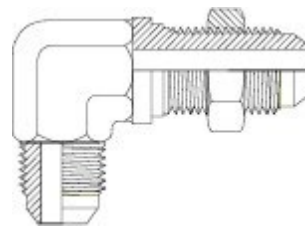
A34510207	1/8 NPTM x 7/16 JICM Bulkhead
A34510407	1/4 NPTM x 9/16 JICM Bulkhead
A34510409	1/4 NPTM x 7/16 JICM Bulkhead
A34510607	3/8 NPTM x 7/16 JICM Bulkhead
A34510609	3/8 NPTM x 9/16 JICM Bulkhead
A34510612	3/8 NPTM x 3/4 JICM Bulkhead
A34510812	1/2 NPTM x 3/4 JICM Bulkhead
A34510814	1/2 NPTM x 7/8 JICM Bulkhead
A34510817	1/2 NPTM x 1-1/16 JICM Bulkhead
A34511217	3/4 NPTM x 1-1/16 JICM Bulkhead
A34511621	1 NPTM x 1-5/16 JICM Bulkhead
A34512026	1-1/4 NPTM x 1-5/8 JICM Bulkhead

ORFS Male x ORFS Bulkhead



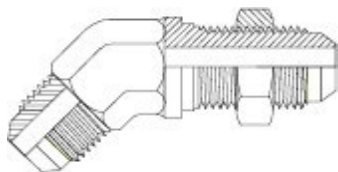
A88920909	9/16 ORFSM Bulkhead
A88921111	11/16 ORFSM Bulkhead
A88921313	13/16 ORFSM Bulkhead
A88921316	13/16 x 1 ORFSM Bulkhead
A88921616	1 x 1 ORFSM Bulkhead
A88921619	1 x 1-3/16 ORFSM Bulkhead
A88921919	1-3/16 ORFSM Bulkhead
A88922323	1-7/16 ORFSM Bulkhead
A88922727	1-11/16 ORFSM Bulkhead
A88923232	2 ORFSM Bulkhead

JIC Male x JIC Bulkhead 90 Degree



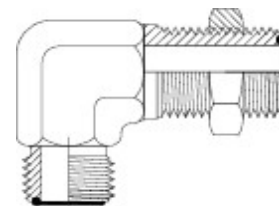
B50510707	7/16 JICM 90° Bulkhead
B50510808	1/2 JICM 90° Bulkhead
B50510909	9/16 JICM 90° Bulkhead
B50511212	3/4 JICM 90° Bulkhead
B50511414	7/8 JICM 90° Bulkhead
B50511717	1-1/16 JICM 90° Bulkhead
B50512121	1-5/16 JICM 90° Bulkhead
B50512626	1-5/8 JICM 90° Bulkhead
B50513030	1-7/8 JICM 90° Bulkhead

JIC Male x JIC Bulkhead 45 Degree



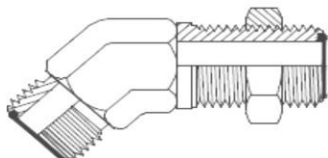
C50510707	7/16 JICM 45° Bulkhead
C50510909	9/16 JICM 45° Bulkhead
C50511212	3/4 JICM 45° Bulkhead
C50511414	7/8 JICM 45° Bulkhead
C50511717	1-1/16 JICM 45° Bulkhead
C50512121	1-5/16 JICM 45° Bulkhead
C50512626	1-5/8 JICM 45° Bulkhead

ORFS Male x ORFS Bulkhead 90 Degree



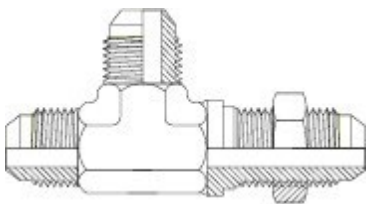
B88920909	9/16 ORFSM 90° Bulkhead
B88921111	11/16 ORFSM 90° Bulkhead
B88921313	13/16 ORFSM 90° Bulkhead
B88921616	1 ORFSM 90° Bulkhead
B88921919	1-3/16 ORFSM 90° Bulkhead
B88922323	1-7/16 ORFSM 90° Bulkhead
B88922727	1-11/16 ORFSM 90° Bulkhead

ORFS Male x ORFS Bulkhead 45 Degree



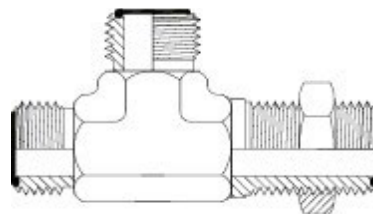
C88920909	9/16 ORFSM Bulkhead 45°
C88921111	11/16 ORFSM Bulkhead 45°
C88921313	13/16 ORFSM Bulkhead 45°
C88921616	1 ORFSM Bulkhead 45°
C88921919	1-3/16 ORFSM Bulkhead 45°
C88922323	1-7/16 ORFSM Bulkhead 45°
C88922727	1-11/16 ORFSM Bulkhead 45°

JIC Male / JIC Bulkhead Run Tee



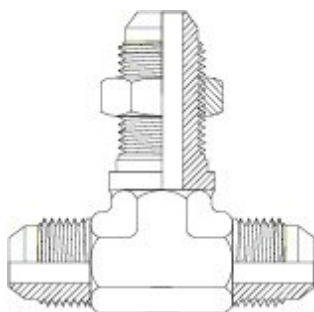
D505150070707	7/16 JICM Bulkhead Run Tee
D505150090909	9/16 JICM Bulkhead Run Tee
D505150121212	3/4 JICM Bulkhead Run Tee
D505150141414	7/8 JICM Bulkhead Run Tee
D505150171717	1-1/16 JICM Bulkhead Run Tee
D505150212121	1-5/16 JICM Bulkhead Run Tee
D505150262626	1-5/8 JICM Bulkhead Run Tee

ORFS Male / ORFS Bulkhead Run Tee



D889288090909	9/16 ORFSM Bulkhead Run Tee
D889288111111	11/16 ORFSM Bulkhead Run Tee

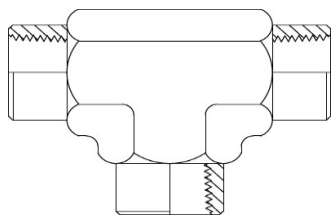
JIC Male / JIC Bulkhead Branch Tee



D505051070707	7/16 JICM Bulkhead Drop Tee
D505051090909	9/16 JICM Bulkhead Drop Tee
D505051121212	3/4 JICM Bulkhead Drop Tee
D505051141414	7/8 JICM Bulkhead Drop Tee
D505051171717	1-1/16 JICM Bulkhead Drop Tee
D505051212121	1-5/16 JICM Bulkhead Drop Tee

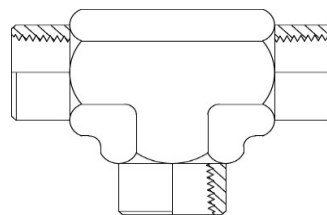
Tees

BSPP Female Tee



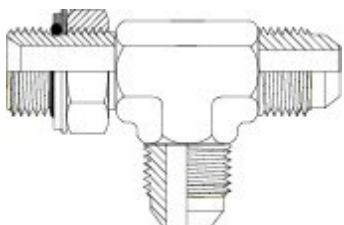
D202020040404	1/4 BSPP Female Tee
D202020060606	3/8 BSPP Female Tee
D202020080808	1/2 BSPP Female Tee
D202020121212	3/4 BSPP Female Tee
D202020161616	1 BSPP Female Tee

BSPT Female Tee



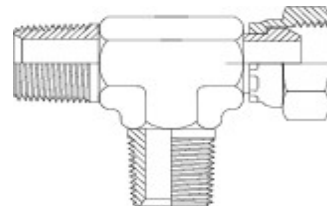
D242424020202	1/8 BSPT Female Tee
D242424040404	1/4 BSPT Female Tee
D242424060606	3/8 BSPT Female Tee
D242424080808	1/2 BSPT Female Tee
D242424121212	3/4 BSPT Female Tee
D242424161616	1 BSPT Female Tee
D242424202020	1-1/4 BSPT Female Tee
D242424242424	1-1/2 BSPT Female Tee
D242424323232	2 BSPT Female Tee

BSPP Male / JIC Male / JIC Male Run Tee



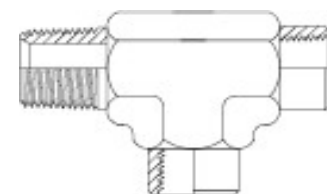
D135050020707	1/8 BSPPM x 7/16 JICM Run Tee
D135050020808	1/8 BSPPM x 1/2 JICM Run Tee
D135050040707	1/4 BSPPM x 7/16 JICM Run Tee
D135050040909	1/4 BSPPM x 9/16 JICM Run Tee
D135050060909	3/8 BSPPM x 9/16 JICM Run Tee
D135050061212	3/8 BSPPM x 3/4 JICM Run Tee
D135050081212	1/2 BSPPM x 3/4 JICM Run Tee
D1350505081414	1/2 BSPPM x 7/8 JICM Run Tee
D135050081717	1/2 BSPPM x 1-1/16 JICM Run Tee
D135050121717	3/4 BSPPM x 1-1/16 JICM Run Tee
D135050162121	1 BSPPM x 1-5/16 JICM Run Tee
D1350505202626	1-1/4 BSPPM x 1-5/8 JICM Run Tee

BSPT Male / BSPP Female Swivel Run Tee



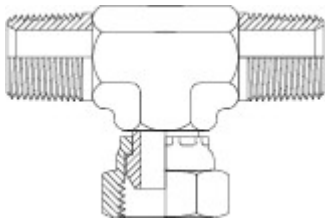
D221722040404	1/4 BSPTM x 1/4 BSPFS Run Tee
D221722060606	3/8 BSPTM x 3/8 BSPFS Run Tee
D221722080808	1/2 BSPTM x 1/2 BSPFS Run Tee
D221722121212	3/4 BSPTM x 3/4 BSPFS Run Tee
D221722161616	1 BSPTM x 1 BSPFS Run Tee
D221722202020	1-1/4 BSPTM x 1-1/4 BSPFS Run Tee
D221722242424	1-1/2 BSPTM x 1-1/2 BSPFS Run Tee

BSPT Male / BSPT Female / BSPT Female Run Tee



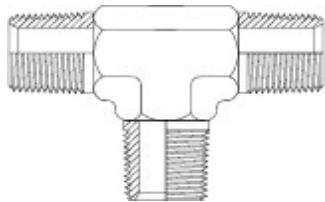
D222424020202	1/8 BSPT MxFxF Run Tee
D222424040404	1/4 BSPT MxFxF Run Tee
D222424060606	3/8 BSPT MxFxF Run Tee
D222424080808	1/2 BSPT MxFxF Run Tee
D222424121212	3/4 BSPT MxFxF Run Tee
D222424161616	1 BSPT MxFxF Run Tee

BSPT Male / BSPP Female Swivel Branch Tee



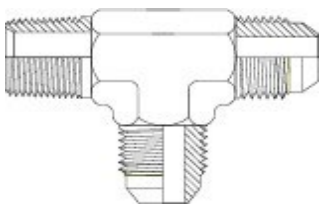
D222217040404	1/4 BSPTM x 1/4 BSPFS Drop Tee
D222217060606	3/8 BSPTM x 3/8 BSPFS Drop Tee
D222217080808	1/2 BSPTM x 1/2 BSPFS Drop Tee
D222217121212	3/4 BSPTM x 3/4 BSPFS Drop Tee
D222217161616	1 BSPTM x 1 BSPFS Drop Tee

BSPT Male Tee



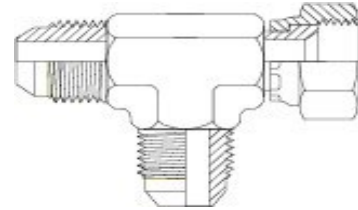
D222222020202	1/8 BSPTM Tee
D222222040404	1/4 BSPTM Tee
D222222060606	3/8 BSPTM Tee
D222222080808	1/2 BSPTM Tee
D222222121212	3/4 BSPTM Tee
D222222161616	1 BSPTM Tee
D222222202020	1-1/4 BSPTM Tee
D222222242424	1-1/2 BSPTM Tee

BSPT Male / JIC Male / JIC Male Run Tee



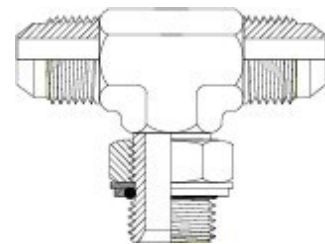
D225050020707	1/8 BSPTM x 7/16 JICM Run Tee
D225050040707	1/4 BSPTM x 7/16 JICM Run Tee
D225050040909	1/4 BSPTM x 9/16 JICM Run Tee
D225050060909	3/8 BSPTM x 9/16 JICM Run Tee
D225050061212	3/8 BSPTM x 3/4 JICM Run Tee
D225050081212	1/2 BSPTM x 3/4 JICM Run Tee
D225050081414	1/2 BSPTM x 7/8 JICM Run Tee
D225050121717	3/4 BSPTM x 1-1/16 JICM Run Tee
D225050162121	1 BSPTM x 1-5/16 JICM Run Tee

JIC Male / JIC Female Swivel Run Tee



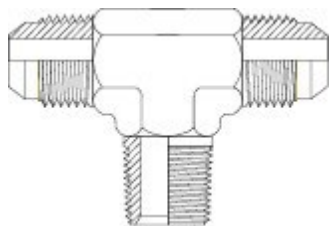
D505350070707	7/16 JIC Swivel Run Tee
D505350080808	1/2 JIC Swivel Run Tee
D505350090909	9/16 JIC Swivel Run Tee
D505350121212	3/4 JIC Swivel Run Tee
D505350141414	7/8 JIC Swivel Run Tee
D505350141714	7/8 JIC x 1-1/16 JIC Swivel Run Tee
D505350171717	1-1/16 JIC Swivel Run Tee
D505350212121	1-5/16 JIC Swivel Run Tee
D505350262626	1-5/8 JIC Swivel Run Tee
D505350303030	1-7/8 JIC Swivel Run Tee
D505350404040	2-1/2 JIC Swivel Run Tee

JIC Male / JIC Male / BSPP Male Branch Tee



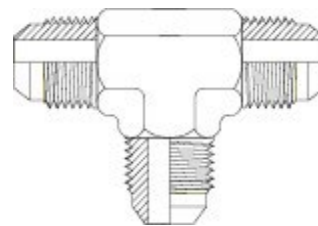
D505013070702	7/16 JICM x 1/8 BSPPM Drop Tee
D505013070704	7/16 JICM x 1/4 BSPPM Drop Tee
D505013090904	9/16 JICM x 1/4 BSPPM Drop Tee
D505013090906	9/16 JICM x 3/8 BSPPM Drop Tee
D505013121206	3/4 JICM x 3/8 BSPPM Drop Tee
D505013121208	3/4 JICM x 1/2 BSPPM Drop Tee
D505013141408	7/8 JICM x 1/2 BSPPM Drop Tee
D505013141412	7/8 JICM x 3/4 BSPPM Drop Tee
D505013171712	1-1/16 JICM x 3/4 BSPPM Drop Tee
D505013212116	1-5/16 JICM x 1 BSPPM Drop Tee
D505013262620	1-5/8 JICM x 1-1/4 BSPPM Drop Tee
D505013303024	1-7/8 JICM x 1-1/2 BSPPM Drop Tee

JIC Male / JIC Male / BSPT Male Branch Tee



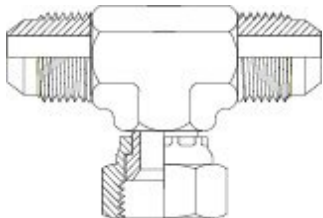
D505022070702	7/16 JICM x 1/8 BSPTM Drop Tee
D505022070704	7/16 JICM x 1/4 BSPTM Drop Tee
D505022090904	9/16 JICM x 1/4 BSPTM Drop Tee
D505022090906	9/16 JICM x 3/8 BSPTM Drop Tee
D505022121204	3/4 JICM x 1/4 BSPTM Drop Tee
D505022121206	3/4 JICM x 3/8 BSPTM Drop Tee
D505022121208	3/4 JICM x 1/2 BSPTM Drop Tee
D505022141406	7/8 JICM x 3/8 BSPTM Drop Tee
D505022141408	7/8 JICM x 1/2 BSPTM Drop Tee
D505022141412	7/8 JICM x 3/4 BSPTM Drop Tee
D505022171712	1-1/16 JICM x 3/4 BSPTM Drop Tee
D505022212116	1-5/16 JICM x 1 BSPTM Drop Tee

JIC Male Tee



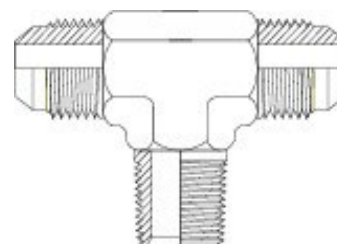
D505050070707	7/16 JIC Male Tee
D505050080808	1/2 JIC Male Tee
D505050090909	9/16 JIC Male Tee
D505050090912	9/16 JIC x 3/4 JIC Male Drop Tee
D505050121212	3/4 JIC Male Tee
D505050141414	7/8 JIC Male Tee
D505050171717	1-1/16 JIC Male Tee
D505050212117	1-5/16 x 1-1/16 JIC Male Tee
D505050212121	1-5/16 JIC Male Tee
D505050262626	1-5/8 JIC Male Tee
D505050303030	1-7/8 JIC Male Tee
D505050404040	2-1/2 JIC Male Tee

JIC Male / JIC Male / JIC Female Swivel Branch Tee



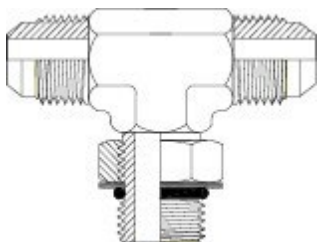
D505053070707	7/16 JIC Swivel Drop Tee
D505053080808	1/2 JIC Swivel Drop Tee
D505053090909	9/16 JIC Swivel Drop Tee
D505053121212	3/4 JIC Swivel Drop Tee
D505053141414	7/8 JIC Swivel Drop Tee
D505053171717	1-1/16 JIC Swivel Drop Tee
D505053212121	1-5/16 JIC Swivel Drop Tee
D505053262626	1-5/8 JIC Swivel Drop Tee
D505053303030	1-7/8 JIC Swivel Run Tee
D505053404040	2-1/2 JIC Swivel Drop Tee

JIC Male / JIC Male / NPT Male Branch Tee



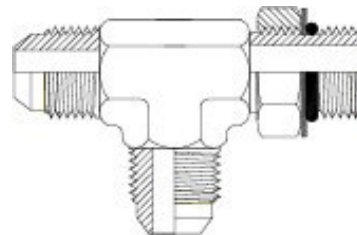
D505053070702	7/16 JICM x 1/8 NPTM Drop Tee
D505034070704	7/16 JICM x 1/4 NPTM Drop Tee
D505034090904	9/16 JICM x 1/4 NPTM Drop Tee
D505034090906	9/16 JICM x 3/8 NPTM Drop Tee
D505034090908	9/16 JICM x 1/2 NPTM Drop Tee
D505034121206	3/4 JICM x 3/8 NPTM Drop Tee
D505034121208	3/4 JICM x 1/2 NPTM Drop Tee
D505034141408	7/8 JICM x 1/2 NPTM Drop Tee
D505034171712	1-1/16 JICM x 3/4 NPTM Drop Tee
D505034262620	1-5/8 JICM x 1-1/4 NPTM Drop Tee

JIC Male / JIC Male / UNO Male Branch Tee



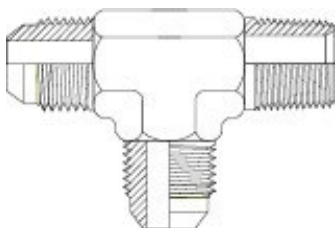
D505057070707	7/16 JICM x 7/16 UNOM Drop Tee
D505057090909	9/16 JICM x 9/16 UNOM Drop Tee
D505057090912	9/16 JICM x 3/4 UNOM Drop Tee
D505057121212	3/4 JICM x 3/4 UNOM Drop Tee
D505057121214	3/4 JICM x 7/8 UNOM Drop Tee
D505057141414	7/8 JICM x 7/8 UNOM Drop Tee
D505057171717	1-1/16 JICM x 1-1/16 UNOM Drop Tee
D505057212121	1-5/16 JICM x 1-5/16 UNOM Drop Tee
D505057262626	1-5/8 JICM x 1-5/8 UNOM Drop Tee
D505057303030	1-7/8 JICM x 1-7/8 UNOM Drop Tee

JIC Male / UNO Male / JIC Male Run Tee



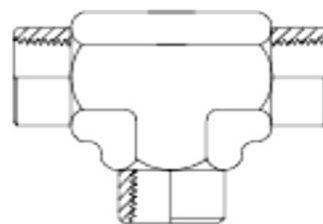
D505750070707	7/16 JICM x 7/16 UNOM Run Tee
D505750090909	9/16 JICM x 9/16 UNOM Run Tee
D505750120912	3/4 JICM x 9/16 UNOM Run Tee
D505750121212	3/4 JICM x 3/4 UNOM Run Tee
D505750141414	7/8 JICM x 7/8 UNOM Run Tee
D505750171417	1-1/16 JICM x 7/8 UNOM Run Tee
D505750171717	1-1/16 JICM x 1-1/16 UNOM Run Tee
D505750212121	1-5/16 JICM x 1-5/16 UNOM Run Tee
D505750262626	1-5/8 JIC x 1-5/8 UNOM Run Tee

JIC Male / NPT Male / JIC Male Run Tee



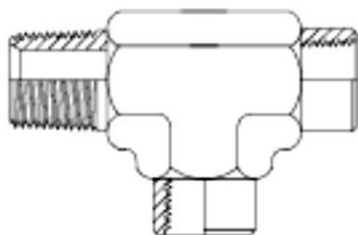
D503450070207	7/16 JICM x 1/8 NPTM Run Tee
D503450070407	7/16 JICM x 1/4 NPTM Run Tee
D503450090409	9/16 JICM x 1/4 NPTM Run Tee
D503450090609	9/16 JICM x 3/8 NPTM Run Tee
D503450120612	3/4 JICM x 3/8 NPTM Run Tee
D503450120812	3/4 JICM x 1/2 NPTM Run Tee
D503450171217	1-1/16 JICM x 3/4 NPTM Run Tee

NPT Female Tee



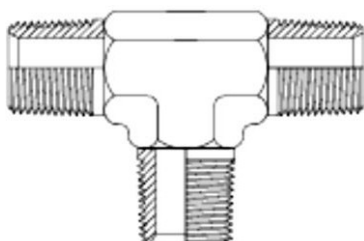
D363636020202	1/8 NPTF Female Tee
D363636040404	1/4 NPTF Female Tee
D363636060606	3/8 NPTF Female Tee
D363636080808	1/2 NPTF Female Tee
D363636121212	3/4 NPTF Female Tee
D363636161616	1 NPTF Female Tee
D363636202020	1-1/4 NPTF Female Tee
D363636242424	1-1/2 NPTF Female Tee
D363636323232	2 NPTF Female Tee

NPT Male / NPT Female / NPT Female Run Tee



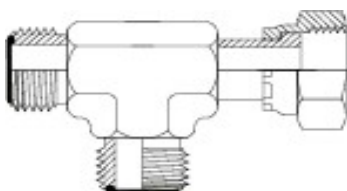
D343636020202	1/8 NPT MxFxF Run Tee
D343636040404	1/4 NPT MxFxF Run Tee
D343636060606	3/8 NPT MxFxF Run Tee
D343636080808	1/2 NPT MxFxF Run Tee
D343636121212	3/4 NPT MxFxF Run Tee
D343636202020	1-1/4 NPT MxFxF Run Tee
D343636242424	1-1/2 NPT MxFxF Run Tee

NPT Male Tee



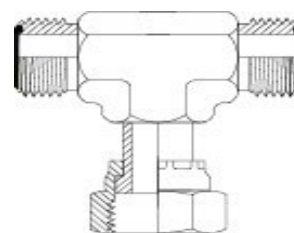
D343434020202	1/8 NPT Male Tee
D343434040404	1/4 NPT Male Tee
D343434060606	3/8 NPT Male Tee
D343434080808	1/2 NPT Male Tee
D343434121212	3/4 NPT Male Tee
D343434161616	1 NPT Male Tee

ORFS Male / ORFS Female Swivel Run Tee



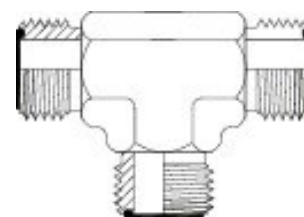
D888988090909	9/16 ORFS Swivel Run Tee
D888988111111	11/16 ORFS Swivel Run Tee
D888988131313	13/16 ORFS Swivel Run Tee
D888988161616	1 ORFS Swivel Run Tee
D888988191919	1-3/16 ORFS Swivel Run Tee
D888988232323	1-7/16 ORFS Swivel Run Tee
D888988272727	1-11/16 ORFS Swivel Run Tee
D888988323232	2 ORFS Swivel Run Tee

ORFS Male / ORFS Male / ORFS Female Branch Tee



D888889090909	9/16 ORFS Swivel Drop Tee
D888889111111	11/16 Swivel Drop Tee
D888889131313	13/16 ORFS Swivel Drop Tee
D888889161616	1 ORFS Swivel Drop Tee
D888889191919	1-3/16 ORFS Swivel Drop Tee
D888889232323	1-7/16 ORFS Swivel Drop Tee
D888889272727	1-11/16 ORFS Swivel Drop Tee
D888889323232	2 ORFS Swivel Drop Tee

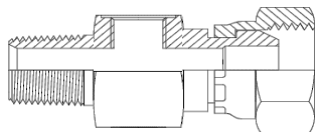
ORFS Male Tee



D888888090909	9/16 ORFS Male Tee
D888888111111	11/16 ORFS Male Tee
D888888131313	13/16 ORFS Male Tee
D888888161616	1 ORFS Male Tee
D888888191919	1-3/16 ORFS Male Tee
D888888232323	1-7/16 ORFS Male Tee
D888888272727	1-11/16 ORFS Male Tee
D888888323232	2 ORFS Male Tee

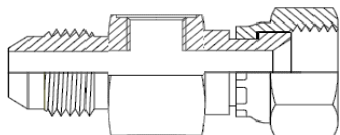
Test Ports

BSPT Male x BSPP Female Swivel BSPP Test Port



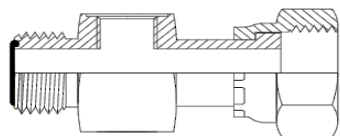
D221720040402	¼ BSPT M/F Test 1/8 BSPPF
D221720060602	3/8 BSPT M/F Test 1/8 BSPPF
D221720080802	½ BSPT M/F Test 1/8 BSPPF
D221720121202	¾ BSPT M/F Test 1/8 BSPPF
D221720161602	1 BSPT M/F Test 1/8 BSPPF

JIC Male x JIC Female Swivel BSPP Test Port



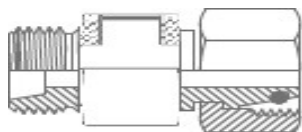
D505320070702	7/16 JIC M/F Test 1/8 BSPPF
D505320090902	9/16 JIC M/F Test 1/8 BSPPF
D505320121202	¾ JIC M/F Test 1/8 BSPPF
D505320141402	7/8 JIC M/F Test 1/8 BSPPF
D505320171702	1-1/16 JIC M/F Test 1/8 BSPPF
D505320212102	1-5/16 JIC M/F x Test 1/8 BSPPF

ORFS Male x ORFS Female Swivel BSPP Test Port



D888920090902	9/16 ORFS M/F Test 1/8 BSPPF
D888920111102	11/16 ORFS M/F Test 1/8 BSPPF
D888920131302	13/16 ORFS M/F Test 1/8 BSPPF
D888920161602	1 ORFS M/F Test 1/8 BSPPF
D888920191902	1 3/16 ORFS M/F Test 1/8 BSPPF
D888920232302	1-7/16 ORFS M/F Test 1/8 BSPPF

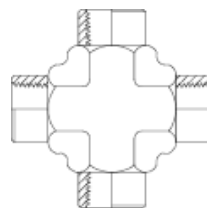
Metric Light Male x Metric Light Female Swivel BSPP Test Port



D656720222202	22MM (15L) M/F Test 1/8 BSPPF
D656720262602	26MM (18L) M/F Test 1/8 BSPPF

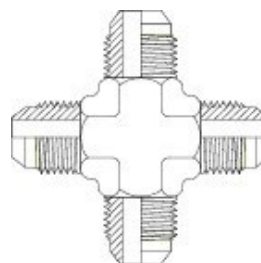
Cross

BSPT Female Cross



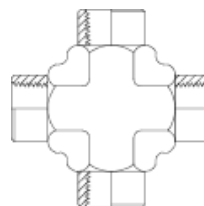
E2424242404040404	1/4 BSPTF Cross
E2424242406060606	3/8 BSPTF Cross
E2424242408080808	1/2 BSPTF Cross
E2424242412121212	3/4 BSPTF Cross
E2424242416161616	1 BSPTF Cross

JIC Male Cross



E5050505007070707	7/16 JICM Cross
E5050505009090909	9/16 JICM Cross
E5050505012121212	3/4 JICM Cross
E5050505014141414	7/8 JICM Cross
E5050505017171717	1-1/16 JICM Cross
E5050505021212121	1-5/16 JICM Cross

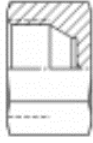
NPT Female Cross



E3636363602020202	1/8 NPTF Cross
E3636363604040404	1/4 NPTF Cross
E3636363606060606	3/8 NPTF Cross
E3636363608080808	1/2 NPTF Cross
E3636363612121212	3/4 NPTF Cross
E3636363616161616	1 NPTF Cross

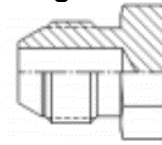
Caps & Plugs

JIS (BSP) Female Cap



F1804	1/4 JIS BSP Cap
F1806	3/8 JIS BSP Cap
F1808	1/2 JIS BSP Cap
F1812	3/4 JIS BSP Cap
F1816	1 JIS BSP Cap

JIS (BSP) Male Plug



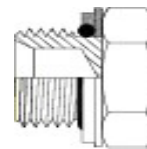
F1502	1/8 JIS BSP Plug
F1504	1/4 JIS BSP Plug
F1506	3/8 JIS BSP Plug
F1508	1/2 JIS BSP Plug
F1512	3/4 JIS BSP Plug
F1516	1 JIS BSP Plug

BSPP Female Cap



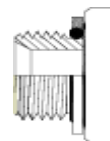
F1702	1/8 BSPFS Cap
F1704	1/4 BSPFS Cap
F1706	3/8 BSPFS Cap
F1708	1/2 BSPFS Cap
F1712	3/4 BSPFS Cap
F1716	1 BSPFS Cap
F1720	1-1/4 BSPFS Cap
F1724	1-1/2 BSPFS Cap
F1732	2 BSPFS Cap

BSPP Male Plug



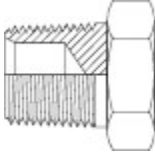
F1002	1/8 BSPP Plug
F1004	1/4 BSPP Plug
F1006	3/8 BSPP Plug
F1008	1/2 BSPP Plug
F1010	5/8 BSPP Plug
F1012	3/4 BSPP Plug
F1016	1 BSPP Plug
F1020	1-1/4 BSPP Plug
F1024	1-1/2 BSPP Plug
F1032	2 BSPP Plug

BSPP Male In Hex Plug



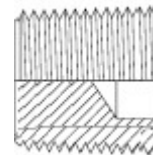
F1002N	1/8 BSPP Counter Sunk Plug
F1004N	1/4 BSPP Counter Sunk Plug
F1006N	3/8 BSPP Counter Sunk Plug
F1008N	1/2 BSPP Counter Sunk Plug
F1012N	3/4 BSPP Counter Sunk Plug
F1016N	1 BSPP Counter Sunk Plug
F1020N	1-1/4 BSPP Counter Sunk Plug
F1024N	1-1/2 BSPP Counter Sunk Plug

BSPT Male Plug



F2202	1/8 BSPTM Plug
F2204	1/4 BSPTM Plug
F2206	3/8 BSPTM Plug
F2208	1/2 BSPTM Plug
F2210	5/8 BSPTM Plug
F2212	3/4 BSPTM Plug
F2216	1 BSPTM Plug
F2220	1-1/4 BSPTM Plug
F2224	1-1/2 BSPTM Plug
F2232	2 BSPTM Plug

BSPT Male In Hex Plug



F2202N	1/8 BSPTM Counter Sunk Plug
F2204N	1/4 BSPTM Counter Sunk Plug
F2206N	3/8 BSPTM Counter Sunk Plug
F2208N	1/2 BSPTM Counter Sunk Plug
F2212N	3/4 BSPTM Counter Sunk Plug
F2216N	1 BSPTM Counter Sunk Plug

Code 61 Flange Plug



F3808	1/2 Code 61 Flange Plug
F3812	3/4 Code 61 Flange Plug
F3816	1 Code 61 Flange Plug
F3820	1-1/4 Code 61 Flange Plug
F3824	1-1/2 Code 61 Flange Plug
F3832	2 Code 61 Flange Plug

Code 62 Flange Plug



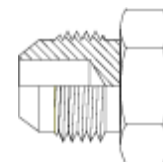
F3912	3/4 Code 62 Flange Plug
F3916	1 Code 62 Flange Plug
F3920	1-1/4 Code 62 Flange Plug
F3924	1-1/2 Code 62 Flange Plug
F3932	2 Code 62 Flange Plug

JIC Female Cap



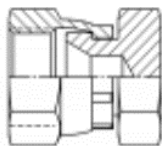
F5406	3/8 JICF Cap
F5407	7/16 JICF Cap
F5408	1/2 JICF Cap
F5409	9/16 JICF Cap
F5412	3/4 JICF Cap
F5414	7/8 JICF Cap
F5417	1-1/16 JICF Cap
F5419	1-3/16 JICF Cap
F5421	1-5/16 JICF Cap
F5426	1-5/8 JICF Cap
F5430	1-7/8 JICF Cap
F5440	2-1/2 JICF Cap

JIC Male Plug



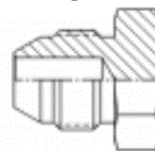
F5005	5/16 JICM Plug
F5006	3/8 JICM Plug
F5007	7/16 JICM Plug
F5008	1/2 JICM Plug
F5009	9/16 JICM Plug
F5012	3/4 JICM Plug
F5014	7/8 JICM Plug
F5017	1-1/16 JICM Plug
F5019	1-3/16 JICM Plug
F5021	1-5/16 JICM Plug
F5026	1-5/8 JICM Plug
F5030	1-7/8 JICM Plug
F5040	2-1/2 JICM Plug

JIS Metric Female Cap (Komatsu)



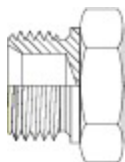
F7614	14mm JIS Metric Cap (Komatsu)
F7616	16mm JIS Metric Cap (Komatsu)
F7618	18mm JIS Metric Cap (Komatsu)
F7620	20mm JIS Metric Cap (Komatsu)
F7622	22mm JIS Metric Cap (Komatsu)
F7624	24mm JIS Metric Cap (Komatsu)
F7626	26mm JIS Metric Cap (Komatsu)
F7630	30mm JIS Metric Cap (Komatsu)
F7633	33mm JIS Metric Cap (Komatsu)

JIS Metric Male Plug (Komatsu)



F8214	14mm JIS Metric Plug (Komatsu)
F8216	16mm JIS Metric Plug (Komatsu)
F8218	18mm JIS Metric Plug (Komatsu)
F8220	20mm JIS Metric Plug (Komatsu)
F8222	22mm JIS Metric Plug (Komatsu)
F8224	24mm JIS Metric Plug (Komatsu)
F8226	26mm JIS Metric Plug (Komatsu)
F8230	30mm JIS Metric Plug (Komatsu)
F8233	33mm JIS Metric Plug (Komatsu)

Metric Port Plug



MSM10x1	10mm x 1mm Metric Plug
MSM12x1.5	12mm x 1.5mm Metric Plug
MSM14x1.5	14mm x 1.5mm Metric Plug
MSM-16x1.5	16mm x 1.5mm Metric Plug
MSM-18x1.5	18mm x 1.5mm Metric Plug
MSM-20x1.5	20mm x 1.5mm Metric Plug
MSM-22x1.5	22mm x 1.5mm Metric Plug
MSM-24x1.5	24mm x 1.5mm Metric Plug
MSM-26x1.5	26mm x 1.5mm Metric Plug
MSM-27x2	27mm x 2mm Metric Plug
MSM-27x1.5	27mm x 1.5mm Metric Plug
MSM-30x2	30mm x 2mm Metric Plug
MSM-30x1.5	30mm x 1.5mm Metric Plug
MSM-33x2	33mm x 2mm Metric Plug
MSM-33x1.5	33mm x 1.5mm Metric Plug
MSM-38x2	38mm x 2mm Metric Plug
MSM-38x1.5	38mm x 1.5mm Metric Plug
MSM-42x2	42mm x 2mm Metric Plug

Metric Port In Hex Plug



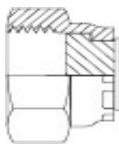
MSM-CS-10	10mm x 1mm Countersunk Plug
MSM-CS-12	12mm x 1.5mm Countersunk Plug
MSM-CS-14	14mm x 1.5mm Countersunk Plug
MSM-CS-16	16mm x 1.5mm Countersunk Plug
MSM-CS-18	18mm x 1.5mm Countersunk Plug
MSM-CS-20	20mm x 1.5mm Countersunk Plug
MSM-CS-22	22mm x 1.5mm Countersunk Plug
MSM-CS-24	24mm x 1.5mm Countersunk Plug
MSM-CS-26	26mm x 1.5mm Countersunk Plug
MSM-CS-27	27mm x 2mm Countersunk Plug
MSM-CS-33	33mm x 2mm Countersunk Plug
MSM-CS-42	42mm x 2mm Countersunk Plug

NPT Female Cap



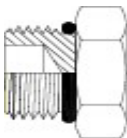
F3604	1/4 NPTF Cap
F3606	3/8 NPTF Cap
F3608	1/2 NPTF Cap
F3612	3/4 NPTF Cap
F3616	1 NPTF Cap

ORFS Female Cap



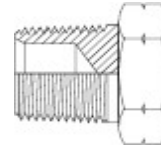
F8909	9/16 ORFS Cap
F8911	11/16 ORFS Cap
F8913	13/16 ORFS Cap
F8916	1 ORFS Cap
F8919	1-3/16 ORFS Cap
F8923	1-7/16 ORFS Cap
F8927	1-11/16 ORFS Cap
F8932	2 ORFS Cap

UNO Plug



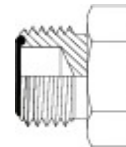
F5606	3/8 UNO Plug
F5607	7/16 UNO Plug
F5608	1/2 UNO Plug
F5609	9/16 UNO Plug
F5612	3/4 UNO Plug
F5614	7/8 UNO Plug
F5617	1-1/16 UNO Plug
F5619	1-3/16 UNO Plug
F5621	1-5/16 UNO Plug
F5626	1-5/8 UNO Plug
F5630	1-7/8 UNO Plug
F5640	2-1/2 UNO Plug

NPT Male Plug



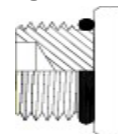
F3402	1/8 NPTM Plug
F3404	1/4 NPTM Plug
F3406	3/8 NPTM Plug
F3408	1/2 NPTM Plug
F3412	3/4 NPTM Plug
F3416	1 NPTM Plug
F3420	1-1/4 NPTM Plug
F3424	1-1/2 NPTM Plug
F3432	2 NPTM Plug

ORFS Male Plug



F8809	9/16 ORFS Plug
F8811	11/16 ORFS Plug
F8813	13/16 ORFS Plug
F8816	1 ORFS Plug
F8819	1-3/16 ORFS Plug
F8823	1-7/16 ORFS Plug
F8827	1-11/16 ORFS Plug
F8832	2 ORFS Plug

UNO In Hex Plug



F5605N	5/16 UNO Plug Countersunk
F5606N	3/8 UNO Plug Countersunk
F5607N	7/16 UNO Plug Countersunk
F5608N	1/2 UNO Plug Countersunk
F5609N	9/16 UNO Plug Countersunk
F5612N	3/4 UNO Plug Countersunk
F5614N	7/8 UNO Plug Countersunk
F5617N	1-1/16 UNO Plug Countersunk
F5621N	1-5/16 UNO Plug Countersunk
F5626N	1-5/8 UNO Plug Countersunk
F5630N	1-7/8 UNO Plug Countersunk

Plastic Caps & Plugs



BSP CAPS

PL-F1704	1/4" BSP PLASTIC CAP
PL-F1706	3/8" BSP PLASTIC CAP
PL-F1708	1/2" BSP PLASTIC CAP
PL-F1712	3/4" BSP PLASTIC CAP
PL-F1716	1" BSP PLASTIC CAP

JIC CAPS

PL-F5307	7/16" JIC PLASTIC CAP
PL-F5309	9/16" JIC PLASTIC CAP
PL-F5312	3/4" JIC PLASTIC CAP
PL-F5314	7/8" JIC PLASTIC CAP
PL-F5317	1-1/16" JIC PLASTIC CAP
PL-F5321	1-5/16" JIC PLASTIC CAP

BSP PLUGS

PL-F1004	1/4" BSP PLASTIC PLUG
PL-F1006	3/8" BSP PLASTIC PLUG
PL-F1008	1/2" BSP PLASTIC PLUG
PL-F1012	3/4" BSP PLASTIC PLUG
PL-F1016	1" BSP PLASTIC PLUG
PL-F1020	1-1/4" BSP PLASTIC PLUG
PL-F1024	1-1/2" BSP PLASTIC PLUG
PL-F1032	2" BSP PLASTIC PLUG

JIC PLUGS

PL-F5007	7/16" JIC PLASTIC PLUG
PL-F5009	9/16" JIC PLASTIC PLUG
PL-F5012	3/4" JIC PLASTIC PLUG
PL-F5014	7/8" JIC PLASTIC PLUG
PL-F5017	1-1/16" JIC PLASTIC PLUG
PL-F5021	1-5/16" JIC PLASTIC PLUG
PL-F5026	1-5/8" JIC PLASTIC PLUG
PL-F5030	1-7/8" JIC PLASTIC PLUG
PL-F5040	2-1/2" JIC PLASTIC PLUG

ORFS CAPS

PL-F8911	11/16" ORFS PLASTIC CAP
PL-F8913	13/16" ORFS PLASTIC CAP
PL-F8916	1" ORFS PLASTIC CAP
PL-F8919	1-3/16" ORFS PLASTIC CAP
PL-F8923	1-7/16" ORFS PLASTIC CAP

ORFS PLUGS

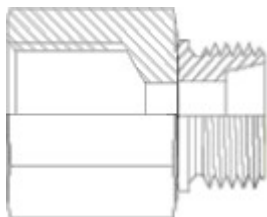
PL-F8813	13/16" ORFS PLASTIC PLUG
PL-F8816	1" ORFS PLASTIC PLUG
PL-F8819	1-3/16" ORFS PLASTIC PLUG
PL-F8823	1-7/16" ORFS PLASTIC PLUG
PL-F8827	1-11/16" ORFS PLASTIC PLUG
PL-F8832	2" ORFS PLASTIC PLUG

The background of the slide is a solid yellow color. Overlaid on this is a technical line drawing of a mechanical component, possibly a piston or a valve. The drawing is rendered in a light yellow or gold color. It features solid lines for the visible edges and dashed lines to represent hidden internal features or a second view of the part. The component has a complex, multi-faceted shape with various rectangular and curved sections.

METRIC COMPRESSION

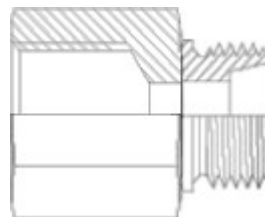
Straight

BSPP Fixed Female x Metric Heavy Male



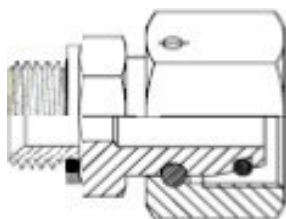
A20680414	1/4 BSPPF x 6S M
A20680416	1/4 BSPPF x 8S M
A20680618	3/8 BSPPF x 10S M
A20680620	3/8 BSPPF x 12S M
A20680822	1/2 BSPPF x 14S M
A20680824	1/2 BSPPF x 16S M
A20681230	3/4 BSPPF x 20S M
A20681636	1 BSPPF x 25S M
A20682042	1-1/4 BSPPF x 30S M
A20682452	1-1/2 BSPPF x 38S M

BSPP Fixed Female x Metric Light Male

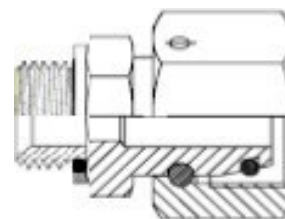


A20650212	1/8 BSPPF x 6L M
A20650414	1/4 BSPPF x 8L M
A20650416	1/4 BSPPF x 10L M
A20650618	3/8 BSPPF x 12L M
A20650822	1/2 BSPPF x 15L M
A20650826	1/2 BSPPF x 18L M
A20651230	3/4 BSPPF x 22L M
A20651636	1 BSPPF x 28L M
A20652045	1-1/4 BSPPF x 35L M
A20652452	1-1/2 BSPPF x 42L M

BSPP Male x Metric Heavy Female



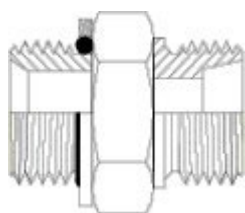
BSPP Male x Metric Light Female



A10690214	1/8 BSPPM x 6S F
A10690414	1/4 BSPPM x 6S F
A10690416	1/4 BSPPM x 8S F
A10690418	1/4 BSPPM x 10S F
A10690420	1/4 BSPPM x 12S F
A10690616	3/8 BSPPM x 8S F
A10690618	3/8 BSPPM x 10S F
A10690620	3/8 BSPPM x 12S F
A10690622	3/8 BSPPM x 14S F
A10690624	3/8 BSPPM x 16S F
A10690818	1/2 BSPPM x 10S F
A10690820	1/2 BSPPM x 12S F
A10690822	1/2 BSPPM x 14S F
A10690824	1/2 BSPPM x 16S F
A10690830	1/2 BSPPM x 20S F
A10690836	1/2 BSPPM x 25S F
A10691224	3/4 BSPPM x 16S F
A10691230	3/4 BSPPM x 20S F
A10691236	3/4 BSPPM x 25S F
A10691630	1 BSPPM x 20S F
A10691636	1 BSPPM x 25S F
A10691642	1 BSPPM x 30S F
A10692036	1-1/4 BSPPM x 25S F
A10692042	1-1/4 BSPPM x 30S F
A10692052	1-1/4 BSPPM x 38S F
A10692442	1-1/2 BSPPM x 30S F
A10692452	1-1/2 BSPPM x 38S F

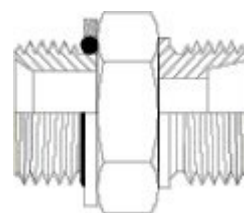
A10670212	1/8 BSPPM x 6L F
A10670412	1/4 BSPPM x 6L F
A10670414	1/4 BSPPM x 8L F
A10670416	1/4 BSPPM x 10L F
A10670418	1/4 BSPPM x 12L F
A10670614	3/8 BSPPM x 8L F
A10670616	3/8 BSPPM x 10L F
A10670618	3/8 BSPPM x 12L F
A10670622	3/8 BSPPM x 15L F
A10670818	1/2 BSPPM x 12L F
A10670822	1/2 BSPPM x 15L F
A10670826	1/2 BSPPM x 18L F
A10671222	3/4 BSPPM x 15L F
A10671226	3/4 BSPPM x 18L F
A10671230	3/4 BSPPM x 22L F
A10671236	3/4 BSPPM x 28L F
A10671630	1 BSPPM x 22L F
A10671636	1 BSPPM x 28L F
A10671645	1 BSPPM x 35L F
A10672045	1-1/4 BSPPM x 35L F
A10672445	1-1/2 BSPPM x 35L F
A10672452	1-1/2 BSPPM x 42L F

BSPP Male x Metric Heavy Male



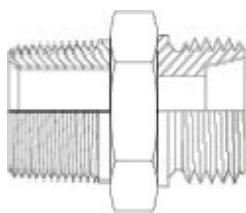
A10680214	1/4 BSPPM x 6S M
A10680414	1/4 BSPPM x 6S M
A10680416	1/4 BSPPM x 8S M
A10680418	1/4 BSPPM x 10S M
A10680420	1/4 BSPPM x 12S M
A10680616	3/8 BSPPM x 8S M
A10680618	3/8 BSPPM x 10S M
A10680620	3/8 BSPPM x 12S M
A10680622	3/8 BSPPM x 14S M
A10680624	3/8 BSPPM x 16S M
A10680818	1/2 BSPPM x 10S M
A10680820	1/2 BSPPM x 12S M
A10680822	1/2 BSPPM x 14S M
A10680824	1/2 BSPPM x 16S M
A10680830	1/2 BSPPM x 20S M
A10680836	1/2 BSPPM x 25S M
A10681224	3/4 BSPPM x 16S M
A10681230	3/4 BSPPM x 20S M
A10681236	3/4 BSPPM x 25S M
A10681630	1 BSPPM x 20S M
A10681636	1 BSPPM x 25S M
A10681642	1 BSPPM x 30S M
A10682042	1-1/4 BSPPM x 30S M
A10682052	1-1/4 BSPPM x 38S M
A10682452	1-1/2 BSPPM x 38S M

BSPP Male x Metric Light Male



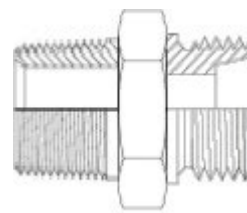
A10650210	1/8 BSPPM x 6LL M
A10650212	1/8 BSPPM x 6L M
A10650214	1/8 BSPPM x 8L M
A10650216	1/8 BSPPM x 10L M
A10650412	1/4 BSPPM x 6L M
A10650414	1/4 BSPPM x 8L M
A10650416	1/4 BSPPM x 10L M
A10650418	1/4 BSPPM x 12L M
A10650612	3/8 BSPPM x 6L M
A10650614	3/8 BSPPM x 8L M
A10650616	3/8 BSPPM x 10L M
A10650618	3/8 BSPPM x 12L M
A10650622	3/8 BSPPM x 15L M
A10650814	1/2 BSPPM x 8L M
A10650816	1/2 BSPPM x 10L M
A10650818	1/2 BSPPM x 12L M
A10650822	1/2 BSPPM x 15L M
A10650826	1/2 BSPPM x 18L M
A10650830	1/2 BSPPM x 22L M
A10651222	3/4 BSPPM x 15L M
A10651226	3/4 BSPPM x 18L M
A10651230	3/4 BSPPM x 22L M
A10651236	3/4 BSPPM x 28L M
A10651630	1 BSPPM x 22L M
A10651636	1 BSPPM x 28L M
A10651645	1 BSPPM x 35L M
A10652045	1-1/4 BSPPM x 35L M
A10652052	1-1/4 BSPPM x 42L M
A10652452	1-1/2 BSPPM x 42L M

BSPT Male x Metric Heavy Male



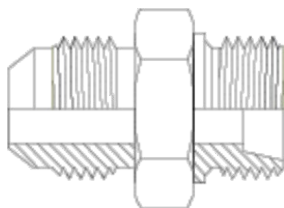
A22680414	1/4 BSPTM x 6S M
A22680416	1/4 BSPTM x 8S M
A22680618	3/8 BSPTM x 10S M
A22680620	3/8 BSPTM x 12S M
A22680622	3/8 BSPTM x 14S M
A22680624	3/8 BSPTM x 16S M
A22680816	1/2 BSPTM x 16S M
A22680818	1/2 BSPTM x 18S M
A22680820	1/2 BSPTM x 12S M
A22680822	1/2 BSPTM x 14S M
A22680824	1/2 BSPTM x 16S M
A22680830	1/2 BSPTM x 20S M
A22681230	3/4 BSPTM x 20S M
A22681236	3/4 BSPTM x 25S M
A22681636	1 BSPTM x 25S M
A22681642	1 BSPTM x 30S M
A22682042	1-1/4 BSPTM x 30S M
A22682452	1-1/2 BSPTM x 38S M

BSPT Male x Metric Light Male



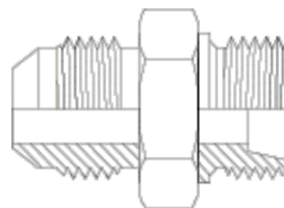
A22650210	1/8 BSPTM x 6LL M
A22650212	1/8 BSPTM x 6L M
A22650214	1/8 BSPTM x 8L M
A22650216	1/8 BSPTM x 10L M
A22650412	1/4 BSPTM x 6L M
A22650414	1/4 BSPTM x 8L M
A22650416	1/4 BSPTM x 10L M
A22650418	1/4 BSPTM x 12L M
A22650614	3/8 BSPTM x 8L M
A22650616	3/8 BSPTM x 10L M
A22650618	3/8 BSPTM x 12L M
A22650622	3/8 BSPTM x 15L M
A22650814	1/2 BSPTM x 10L M
A22650816	1/2 BSPTM x 10L M
A22650818	1/2 BSPTM x 12L M
A22650822	1/2 BSPTM x 15L M
A22650826	1/2 BSPTM x 18L M
A22651226	3/4 BSPTM x 18LM
A22651230	3/4 BSPTM x 22L M
A22651630	1 BSPTM x 22L M
A22651636	1 BSPTM x 28L M
A22652045	1-1/4 BSPTM x 35L M
A22652452	1-1/2 BSPTM x 42L M

JIC Male x Metric Heavy Male



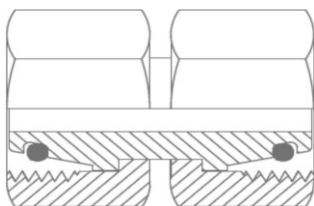
A50680716	7/16 JICM x 8S M
A50680914	9/16 JICM x 6S M
A50680916	9/16 JICM x 8S M
A50680918	9/16 JICM x 10S M
A50680920	9/16 JICM x 12S M
A50680922	9/16 JICM x 14S M
A50681218	3/4 JICM x 10S M
A50681220	3/4 JICM x 12S M
A50681222	3/4 JICM x 14S M
A50681224	3/4 JICM x 16S M
A50681230	3/4 JICM x 20S M
A50681422	7/8 JICM x 14S M
A50681424	7/8 JICM x 16S M
A50681430	7/8 JICM x 20S M
A50681724	1-1/16 JICM x 16S M
A50681730	1-1/16 JICM x 20S M
A50681736	1-1/16 JICM x 25S M
A50682136	1-5/16 JICM x 25S M
A50682142	1-5/16 JICM x 30S M

JIC Male x Metric Light Male



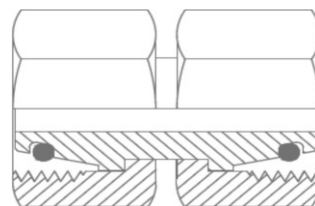
A50650712	7/16 JICM x 8L M
A50650714	7/16 JICM x 8L M
A50650716	7/16 JICM x 10L M
A50650912	9/16 JICM x 6L M
A50650914	9/16 JICM x 8L M
A50650916	9/16 JICM x 10L M
A50650918	9/16 JICM x 12L M
A50650922	9/16 JICM x 15L M
A50651216	3/4 JICM x 10L M
A50651218	3/4 JICM x 12L M
A50651222	3/4 JICM x 15L M
A50651226	3/4 JICM x 18L M
A50651422	7/8 JICM x 15L M
A50651722	1-1/16 JICM x 15L M
A50651726	1-1/16 JICM x 18L M
A50651730	1-1/16 JICM x 22L M
A50652136	1-5/16 JICM x 28L M
A50652645	1-5/8 JICM x 35L M

Metric Heavy Female Compression Union



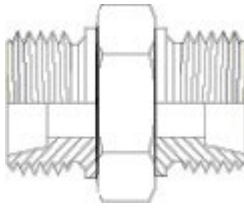
A69691414	6S F/F
A69691416	6S x 8S F/F
A69691418	6S x 10S F/F
A69691420	6S x 12S F/F
A69691616	8S F/F
A69691618	8S x 10SF/F
A69691620	8S x 12SF/F
A69691818	10S F/F
A69691820	10Sx 12S F/F
A69691824	10S x 16S F/F
A69692020	12S F/F
A69692024	12S x 16S F/F
A69692030	12S x 20S F/F
A69692222	14S F/F
A69692424	16S F/F
A69692430	16S x 20S F/F
A69692436	16S x 25S F/F
A69692442	16S x 30S F/F
A69693030	20S F/F
A69693036	20S x 25S F/F
A69693042	20S x 30S F/F
A69693052	20S x 38S F/F
A69693636	25S F/F
A69693642	25S x 30S F/F
A69693652	25S x 38S F/F
A69694242	30S F/F
A69694252	30S x 38S F/F
A69695252	38S F/F

Metric Light Female Compression Union



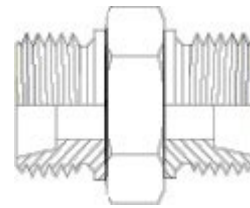
A67671212	6L F/F
A67671214	6L x 8L F/F
A67671216	6L x 10L F/F
A67671218	6L x 12L F/F
A67671414	8L F/F
A67671416	8L x 10L F/F
A67671418	8L x 12L F/F
A67671422	8L x 15L F/F
A67671616	10L F/F
A67671618	10L x 12L F/F
A67671622	10L x 15L F/F
A67671626	10L x 18L F/F
A67671818	12L F/F
A67671822	12L x 15L F/F
A67671826	12L x 18L F/F
A67671830	12L x 22L F/F
A67672222	15L F/F
A67672226	15L x 18L F/F
A67672230	15L x 22L F/F
A67672236	15L x 28L F/F
A67672626	18L F/F
A67672630	18L x 22L F/F
A67672636	18L x 28L F/F
A67672645	18L x 35L F/F
A6763030	22L F/F
A67673036	22L x 28L F/F
A67673045	22L x 35L F/F
A67673052	22L x 42L F/F
A67673636	28L F/F
A67673645	28L x 35L F/F
A67673652	28L x 42L F/F
A67674545	35L F/F
A67674552	35L x 42L F/F
A67675252	42L F/F

Metric Heavy Male Compression Union



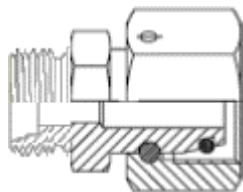
A68681414	6S M/M
A68681416	6S x 8S M/M
A68681418	6S x 10S M/M
A68681420	6S x 12S M/M
A68681616	8S M/M
A68681618	8S x 10S M/M
A68681620	8S x 12S M/M
A68681818	10S M/M
A68681820	10S x 12S M/M
A68681822	10S x 14S M/M
A68681824	10S x 16S M/M
A68681830	10S x 20S M/M
A68682020	12S M/M
A68682022	14S x 12S M/M
A68682024	12S x 16S M/M
A68682030	20 x 12S M/M
A68682222	14S M/M
A68682224	14S x 16S M/M
A68682424	16S M/M
A68682430	16S x 20S M/M
A68682436	16S x 25S M/M
A68683030	20S M/M
A68683036	20S x 25S M/M
A68683042	20S x 30S M/M
A68683636	25S M/M
A68683642	25S x 30S M/M
A68684242	30S M/M
A68684252	30S x 38S M/M
A68685252	38S M/M

Metric Light Male Compression Union



A65651010	6LL M/M
A65651212	6L M/M
A65651214	6L x 8L M/M
A65651216	6L x 10L M/M
A65651218	6L x 12L M/M
A65651414	8L M/M
A65651416	8L x 10L M/M
A65651418	8L x 12L M/M
A65651616	10L M/M
A65651618	10L x 12L M/M
A65651622	10L x 15L M/M
A65651626	10L x 18L M/M
A65651818	12L M/M
A65651822	12L x 15L M/M
A65651826	12L x 18L M/M
A65652222	15L M/M
A65652226	15L x 18L M/M
A65652230	15L x 22L M/M
A65652626	18L M/M
A65652630	18L x 22L M/M
A65652636	18L x 28L M/M
A65653030	22L M/M
A65653036	22L x 28L M/M
A65653636	28L M/M
A65653645	28L x 35L M/M
A65653652	28L x 42L M/M
A65654545	35L M/M
A65655252	42L M/M

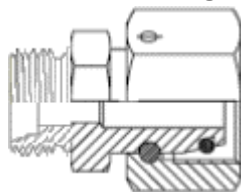
Metric Heavy Male x Metric Heavy Female



A68691414	6S x 6S M/F
A68691416	6S x 8S M/F
A68691418	6S x 10S M/F
A68691420	6S x 12S M/F
A68691422	6S x 14S M/F
A68691424	6S x 16S M/F
A68691430	6S x 20S M/F
A68691436	6S x 25S M/F
A68691442	6S x 30S M/F
A68691452	6S x 38S M/F
A68691616	8S M/F
A68691618	8S x 10S M/F
A68691620	8S x 12S M/F
A68691622	8S x 14S M/F
A68691624	8S x 16S M/F
A68691630	8S x 20S M/F
A68691636	8S x 25S M/F
A68691642	8S x 30S M/F
A68691652	8S x 38S M/F
A68691818	10S M/F
A68691820	10S x 12S M/F
A68691822	10S x 14S M/F
A68691824	10S x 16S M/F
A68691830	10S x 20S M/F
A68691836	10S x 25S M/F
A68691842	10S x 30S M/F
A68691852	10S x 38S M/F
A68692020	12S M/F
A68692022	12S x 14S M/F
A68692024	12S x 16S M/F
A68692030	12S x 20S M/F
A68692036	12S x 25S M/F
A68692042	12S x 30S M/F
A68692052	12S x 38S M/F
A68692222	14S M/F
A68692224	14S x 16S M/F
A68692230	14S x 20S M/F
A68692236	14S x 25S M/F
A68692242	14S x 30S M/F

A68692252	14S x 38S M/F
A68692424	16S M/F
A68692430	16S x 20S M/F
A68692436	16S x 30S M/F
A68692442	16S x 25S M/F
A68692452	16S x 38S M/F
A68693030	20S M/F
A68693036	20S x 25S M/F
A68693042	20S x 30S M/F
A68693052	20S x 38S M/F
A68693636	25S M/F
A68693642	25S x 30S M/F
A68693652	25S x 38S M/F
A68694242	30S M/F
A68694252	30S x 38S M/F
A68695252	38S M/F

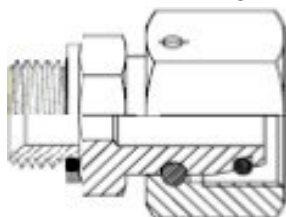
Metric Light Male x Metric Light Female



A65671212	6L M/F
A65671214	6L x 8L M/F
A65671216	6L x 10L M/F
A65671218	6L x 12L M/F
A65671222	6L x 15L M/F
A65671226	6L x 18L M/F
A65671230	6L x 22L M/F
A65671236	6L x 28L M/F
A65671245	6L x 35L M/F
A65671252	6L x 42L M/F
A65671414	8LM/F
A65671416	8L x 10L M/F
A65671418	8L x 12L M/F
A65671422	8L x 15L M/F
A65671426	8L x 18L M/F
A65671430	8L x 22L M/F
A65671436	8L x 28L M/F
A65671445	8L x 35L M/F
A65671452	8L x 42L M/F
A65671616	10L M/F
A65671618	10L x 12L M/F
A65671622	10L x 15L M/F
A65671626	10L x 18L M/F
A65671630	10L x 22L M/F
A65671636	10L x 28L M/F
A65671645	10L x 35L M/F
A65671652	10L x 42L M/F
A65671818	12L M/F
A65671822	12L x 15L M/F
A65671826	12L x 18L M/F
A65671830	12L x 22L M/F
A65671836	12L x 28L M/F
A65671845	12L x 35L M/F
A65671852	12L x 42L M/F
A65672222	15L M/F
A65672226	15L x 18L M/F
A65672230	15L x 22L M/F
A65672236	15L x 28L M/F
A65672245	15L x 35L M/F

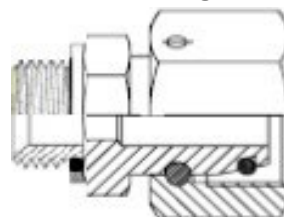
A65672252	15L x 42L M/F
A65672626	18L M/F
A65672630	18L x 22L M/F
A65672636	18L x 28L M/F
A65672645	18L x 35L M/F
A65672652	18L x 42L M/F
A65673030	22L M/F
A65673036	22L x 28L M/F
A65673045	22L x 35L M/F
A65673052	22L x 42L M/F
A65673636	28L M/F
A65673645	28L x 35L M/F
A65673652	28L x 42L M/F
A65674545	35L x 42L M/F
A65674552	35L x 42L M/F
A65675252	42L M/F

Metric Male Stud x Metric Heavy Female



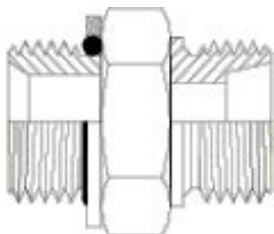
A61691014	M10 x 6S M/F
A61691214	M12 x 6S M/F
A61691216	M12 x 8S M/F
A61691416	M14 x 8S M/F
A61691418	M14 x 10S M/F
A61691420	M14 x 12S M/F
A61691618	M16 x 10S M/F
A61691620	M16 x 12S M/F
A61691820	M18 x 12S M/F
A61692022	M20 x 14S M/F
A61692220	M22 x 12S M/F
A61692224	M22 x 16S M/F
A61692730	M27 x 20S M/F
A61693336	M33 x 25S M/F
A61694242	M42 x 30S M/F
A61694852	M48 x 38S M/F

Metric Male Stud x Metric Light Female



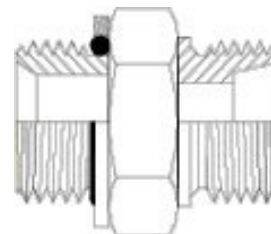
A61671012	M10 x 6L M/F
A61671212	M12 x 6L M/F
A61671214	M12 x 8L M/F
A61671414	M14 x 8L M/F
A61671416	M14 x 10L M/F
A61671418	M14 x 12L M/F
A61671616	M16 x 10L M/F
A61671618	M16 x 12L M/F
A61671818	M18 x 12L M/F
A61671822	M18 x 15L M/F
A61672218	M22 x 12L M/F
A61672222	M22 X 15L M/F
A61672226	M22 x 18L M/F
A61672626	M26 x 18L M/F
A61672630	M26 x 22L M/F
A61673336	M33 x 28L M/F
A61674245	M42 x 35L M/F
A61674852	M48 x 42L M/F

Metric Male Stud x Metric Heavy Male



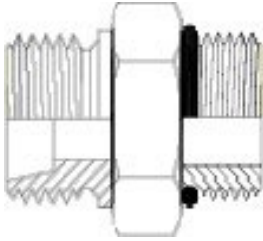
A61681214	M12 x 6S M/M
A61681416	M14 x 8S M/M
A61681618	M16 x 10S M/M
A61681820	M18 x 12S M/M
A61681824	M18 x 16S M/M
A61682022	M20 x 14S M/M
A61682220	M22 x 12S M/M
A61682224	M22 x 16S M/M
A61682230	M22 x 20S M/M
A61682730	M27 x 20S M/M
A61682736	M27 x 25S M/M
A61683336	M33 x 25S M/M
A61683342	M33 x 30S M/M
A61684242	M42 x 30S M/M
A61684852	M48 x 38S M/M

Metric Male Stud x Metric Light Male



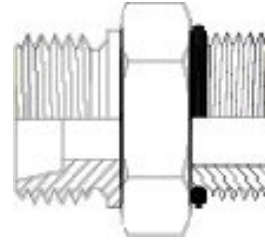
A61651012	M10 x 6L M/M
A61651014	M10 x 8L M/M
A61651212	M12 x 6L M/M
A61651214	M12 x 8L M/M
A61651414	M14 x 8L M/M
A61651416	M14 x 10L M/M
A61651418	M14 x 12L M/M
A61651616	M16 x 10L M/M
A61651618	M16 x 12L M/M
A61651622	M16 x 15L M/M
A61651814	M18 x 8L M/M
A61651816	M18 x 10L M/M
A61651818	M18 x 12L M/M
A61651822	M18 x 15L M/M
A61651826	M18 x 18L M/M
A61652214	M22 x 8L M/M
A61652216	M22 x 10L M/M
A61652218	M22 x 12L M/M
A61652222	M22 x 15L M/M
A61652226	M22 x 18L M/M
A61652230	M22 x 22L M/M
A61652630	M26 x 22L M/M
A61653336	M33 x 28L M/M
A61654245	M42 x 35L M/M
A61654852	M48 x 42L M/M

Metric Heavy Male x UNO Male



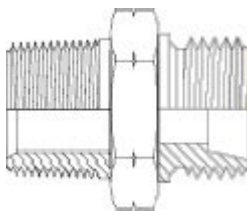
A68561407	6S M x 7/16 UNOM
A68561409	6S M x 9/16 UNOM
A68561607	8S M x 7/16 UNOM
A68561609	8S M x 9/16 UNOM
A68561809	10S M x 9/16 UNOM
A68561812	10S M x 3/4 UNOM
A68562007	12S M x 7/16 UNOM
A68562009	12S M x 9/16 UNOM
A68562012	12S M x 3/4 UNOM
A68562014	12S M x 7/8 UNOM
A68562017	12S M x 1-1/16 UNOM
A68562212	14S M x 3/4 UNOM
A68562412	16S M x 3/4 UNOM
A68562414	16S M x 7/8 UNOM
A68562417	16S M x 1-1/16 UNOM
A68563012	20S M x 3/4 UNOM
A68563014	16S M x 7/8 UNOM
A68563017	20S M x 1-1/16 UNOM
A68563617	25S M x 1-1/16 UNOM
A68563621	25S M x 1-5/16 UNOM
A68564221	30S M x 1-5/16 UNOM
A68564226	30S M x 1-5/8 UNOM
A68565226	38S M x 1-5/8 UNOM
A68565230	38S M x 1-7/8 UNOM

Metric Light Male x UNO Male



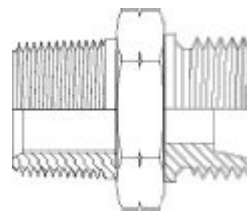
A65561207	6L x 7/16 UNO M/M
A65561407	8L x 7/16 UNO M/M
A65561409	8L x 9/16 UNO M/M
A65561412	8L x 3/4 UNO M/M
A65561607	10L x 7/16 UNO M/M
A65561609	10L x 9/16 UNO M/M
A65561612	10L x 3/4 UNO M/M
A65561614	10L x 7/8 UNO M/M
A65561809	12L x 9/16 UNO M/M
A65561812	12L x 3/4 UNO M/M
A65561814	12L x 7/8 UNO M/M
A65562212	15L x 3/4 UNO M/M
A65562214	15L x 7/8 UNO M/M
A65562217	15L x 1-1/16 UNO M/M
A65562612	18L x 3/4 UNO M/M
A65562614	18L x 7/8 UNO M/M
A65563014	22L x 7/8 UNO M/M
A65563017	22L x 1-1/16 UNO M/M
A65563021	22L x 1-5/16 UNO M/M
A65563617	28L x 1-1/16 UNO M/M
A65563621	28L x 1-5/16 UNO M/M
A65564521	35L x 1-5/16 UNO M/M
A65564526	35L x 1-5/8 UNO M/M
A65565226	42L x 1-5/8 UNO M/M
A65565230	42L x 1-7/8 UNO M/M

NPT Male x Metric Heavy Male



A34680414	1/4 NPTM x 6S M
A34680416	1/4 NPTM x 8S M
A34680618	3/8 NPTM x 10S M
A34680620	3/8 NPTM x 12S M
A34680622	3/8 NPTM x 14S M
A34680624	3/8 NPTM x 16S M
A34680820	1/2 NPTM x 12S M
A34680822	1/2 NPTM x 14S M
A34680824	1/2 NPTM x 16S M
A34680830	1/2 NPTM x 20S M
A34681230	3/4 NPTM x 20S M
A34681236	3/4 NPTM x 25S M
A34681636	1 NPTM x 25S M
A34681642	1 NPTM x 30S M
A34682042	1-1/4 NPTM x 30S M
A34682452	1-1/2 NPTM x 38S M

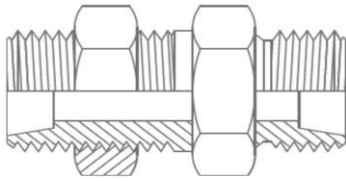
NPT Male x Metric Light Male



A34650212	1/8 NPTM x 6L M
A34650214	1/8 NPTM x 8L M
A34650412	1/4 NPTM x 6L M
A34650414	1/4 NPTM x 8L M
A34650416	1/4 NPTM x 10L M
A34650418	1/4 NPTM x 12L M
A34650614	3/8 NPTM x 8L M
A34650616	3/8 NPTM x 10L M
A34650618	3/8 NPTM x 12L M
A34650622	3/8 NPTM x 15L M
A34650816	1/2 NPTM x 10L M
A34650818	1/2 NPTM x 12L M
A34650822	1/2 NPTM x 15L M
A34650826	1/2 NPTM x 18L M
A34651226	3/4 NPTM x 18L M
A34651230	3/4 NPTM x 22L M
A34651636	1 NPTM x 28L M
A34652045	1-1/4 NPTM x 35L M
A34652452	1-1/2 NPTM x 42L M

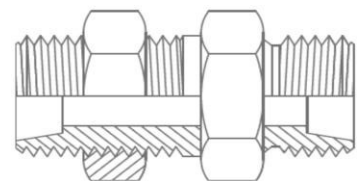
Bulkhead

Metric Heavy Male Bulkhead



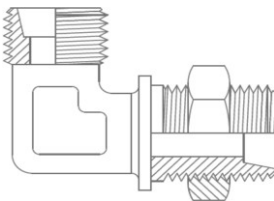
A68681414BH	6S Bulkhead
A68681616BH	8S Bulkhead
A68681818BH	10S Bulkhead
A68682020BH	12S Bulkhead
A68682222BH	14S Bulkhead
A68682424BH	16S Bulkhead
A68683030BH	20S Bulkhead
A68683636BH	25S Bulkhead
A68684242BH	30S Bulkhead
A68685252BH	38S Bulkhead

Metric Light Male Bulkhead



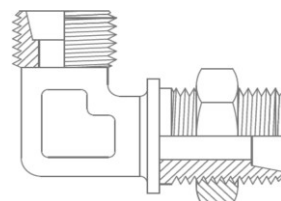
A65651212BH	6L Bulkhead
A65651414BH	8L Bulkhead
A65651616BH	10L Bulkhead
A65651818BH	12L Bulkhead
A65652222BH	15L Bulkhead
A65652626BH	18L Bulkhead
A65653030BH	22L Bulkhead
A65653636BH	28L Bulkhead
A65654545BH	35L Bulkhead
A65655252BH	42L Bulkhead

Metric Heavy Male Bulkhead 90 Degree



B68681414BH	6S Bulkhead 90°
B68681616BH	8S Bulkhead 90°
B68681818BH	10S Bulkhead 90°
B68682020BH	12S Bulkhead 90°
B68682222BH	14S Bulkhead 90°
B68682424BH	16S Bulkhead 90°
B68683030BH	20S Bulkhead 90°
B68683636BH	25S Bulkhead 90°
B68684242BH	30S Bulkhead 90°
B68685252BH	38S Bulkhead 90°

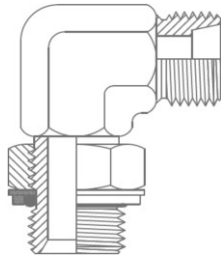
Metric Light Male Bulkhead 90 Degree



B65651212BH	6L Bulkhead 90°
B65651414BH	8L Bulkhead 90°
B65651616BH	10L Bulkhead 90°
B65651818BH	12L Bulkhead 90°
B65652222BH	15L Bulkhead 90°
B65652626BH	18L Bulkhead 90°
B65653030BH	22L Bulkhead 90°
B65653636BH	28L Bulkhead 90°
B65654545BH	35L Bulkhead 90°
B65655252BH	42L Bulkhead 90°

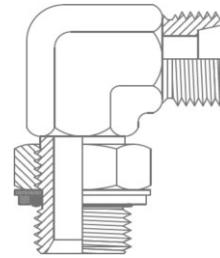
90 Degree

BSPP Male x Metric Heavy Male 90 Degree



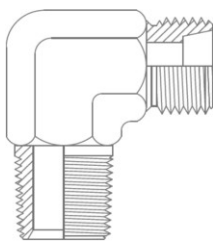
B13680414	1/4 BSPPM x 6S M 90°
B13680416	1/4 BSPPM x 8S M 90°
B13680616	3/8 BSPPM x 8S M 90°
B13680618	3/8 BSPPM x 10S M 90°
B13680620	3/8 BSPPM x 12S M 90°
B13680820	1/2 BSPPM x 12S M 90°
B13680822	1/2 BSPPM x 14S M 90°
B13690824	1/2 BSPPM x 16S M 90°
B13681230	3/4 BSPPM x 20S M 90°
B13681236	3/4 BSPPM x 25S M 90°
B13681636	1 BSPPM x 25S M 90°
B13681642	1 BSPPM x 30S M 90°
B13682042	1-1/4 BSPPM x 30S M 90°
B13682452	1-1/2 BSPPM x 38S M 90°

BSPP Male x Metric Light Male 90 Degree



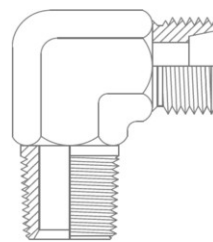
B13650212	1/8 BSPPM x 6L M 90°
B13650414	1/4 BSPPM x 8L M 90°
B13650416	1/4 BSPPM x 10L M 90°
B13650418	1/4 BSPPM x 12L M 90°
B13650614	3/8 BSPPM x 8L M 90°
B13650616	3/8 BSPPM x 10L M 90°
B13650618	3/8 BSPPM x 12L M 90°
B13650622	3/8 BSPPM x 15L M 90°
B13650816	1/2 BSPPM x 10L M 90°
B13650818	1/2 BSPPM x 12L M 90°
B13650822	1/2 BSPPM x 15L M 90°
B13650826	1/2 BSPPM x 18L M 90°
B13651222	3/4 BSPPM x 15L M 90°
B13651226	3/4 BSPPM x 18L M 90°
B13651230	3/4 BSPPM x 22L M 90°
B13651630	1 BSPPM x 22L M 90°
B13651636	1 BSPPM x 28L M 90°
B13652036	1-1/4 BSPPM x 28L M 90°
B13652045	1-1/4 BSPPM x 35L M 90°
B13652452	1-1/2 BSPPM x 42L M 90°

BSPT Male x Metric Heavy Male 90 Degree



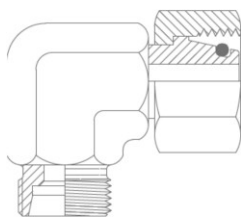
B22680414	1/4 BSPTM x 6S M 90°
B22680416	1/4 BSPTM x 8S M 90°
B22680618	3/8 BSPTM x 10S M 90°
B22680620	3/8 BSPTM x 12S M 90°
B22680622	3/8 BSPTM x 14S M 90°
B22680624	3/8 BSPTM x 16S M 90°
B22680820	1/2 BSPTM x 12S M 90°
B22680822	1/2 BSPTM x 14S M 90°
B22680824	1/2 BSPTM x 16S M 90°
B22680830	1/2 BSPTM x 20S M 90°
B22681230	3/4 BSPTM x 20S M 90°
B22681236	3/4 BSPTM x 25S M 90°
B22681636	1 BSPTM x 25S M 90°
B22681642	1 BSPTM x 30S M 90°
B22682042	1-1/4 BSPTM x 30S M 90°
B22682452	1-1/2 BSPTM x 38S M 90°

BSPT Male x Metric Light Male 90 Degree



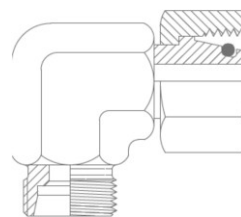
B22650210	1/8 BSPTM x 6LL M 90°
B22650212	1/8 BSPTM x 6L M 90°
B22650214	1/8 BSPTM x 8L M 90°
B22650216	1/8 BSPTM x 10L M 90°
B22650412	1/4 BSPTM x 6L M 90°
B22650414	1/4 BSPTM x 8L M 90°
B22650416	1/4 BSPTM x 10L M 90°
B22650418	1/4 BSPTM x 12L M 90°
B22650614	3/8 BSPTM x 8L M 90°
B22650616	3/8 BSPTM x 10L M 90°
B22650618	3/8 BSPTM x 12L M 90°
B22650622	3/8 BSPTM x 15L M 90°
B22650814	1/2 BSPTM x 8L M 90°
B22650816	1/2 BSPTM x 10L M 90°
B22650818	1/2 BSPTM x 12L M 90°
B22650822	1/2 BSPTM x 15L M 90°
B22650826	1/2 BSPTM x 18L M 90°
B22651226	3/4 BSPTM x 18LM 90°
B22651230	3/4 BSPTM x 22L M 90°
B22651636	1 BSPTM x 28L M 90°
B22652045	1-1/4 BSPTM x 35L M 90°
B22652452	1-1/2 BSPTM x 42L M 90°

Metric Heavy Male x Metric Heavy Female 90 Degree



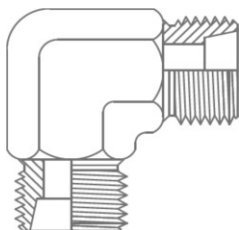
B68691414	6S M/F 90°
B68691616	8S M/F 90°
B68691818	10S M/F 90°
B68692020	12S M/F 90°
B68692222	14S M/F 90°
B68692424	16S M/F 90°
B68693030	20S M/F 90°
B68693636	25S M/F 90°
B68694242	30S M/F 90°
B68695252	38S M/F 90°

Metric Light Male x Metric Light Female Swivel 90 Degree



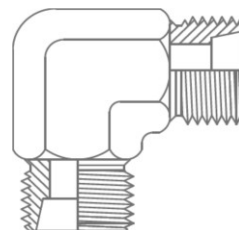
B65671212	6L M/F 90°
B65671414	8L M/F 90°
B65671616	10L M/F 90°
B65671818	12L M/F 90°
B65672222	15L M/F 90°
B65672626	18L M/F 90°
B65673030	22L M/F 90°
B65673636	28L M/F 90°
B65674545	35L M/F 90°
B65675252	42L M/F 90°

Metric Heavy Male x Metric Heavy Male 90 Degree



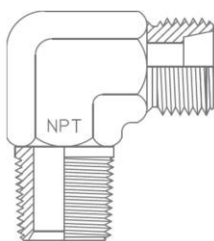
B68681414	6S M/M 90°
B68681616	8S M/M 90°
B68681818	10S M/M 90°
B68682020	12S M/M 90°
B68682222	14S M/M 90°
B68682424	16S M/M 90°
B68683030	20S M/M 90°
B68683636	25S M/M 90°
B68684242	30S M/M 90°
B68685252	38S M/M 90°

Metric Light Male x Metric Light Male 90 Degree



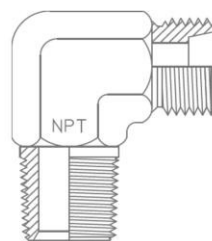
B65651212	6L M/M 90°
B65651414	8L M/M 90°
B65651616	10L M/M 90°
B65651818	12L M/M 90°
B65652222	15L M/M 90°
B65652626	18L M/M 90°
B65653030	22L M/M 90°
B65653636	28L M/M 90°
B65654545	35L M/M 90°
B65655252	42L M/M 90°

NPT Male x Metric Heavy Male 90 Degree



B34680414	1/4 NPTM x 6S M 90°
B34680416	1/4 NPTM x 8S M 90°
B34680618	3/8 NPTM x 10S M 90°
B34680620	3/8 NPTM x 12S M 90°
B34680622	3/8 NPTM x 14S M 90°
B34680624	3/8 NPTM x 16S M 90°
B34680820	1/2 NPTM x 12S M 90°
B34680822	1/2 NPTM x 14S M 90°
B34680824	1/2 NPTM x 16S M 90°
B34680830	1/2 NPTM x 20S M 90°
B34681230	3/4 NPTM x 20S M 90°
B34681236	3/4 NPTM x 25S M 90°
B34681636	1 NPTM x 25S M 90°
B34681642	1 NPTM x 30S M 90°
B34682042	1-1/4 NPTM x 30S M 90°
B34682452	1-1/2 NPTM x 38S M 90°

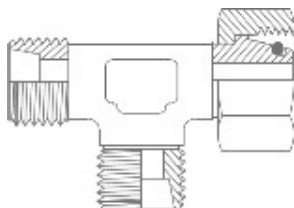
NPT Male x Metric Light Male 90 Degree



B34650212	1/8 NPTM x 6L M 90°
B34650214	1/8 NPTM x 8L M 90°
B34650216	1/8 NPTM x 10L M 90°
B34650412	1/4 NPTM x 6L M 90°
B34650414	1/4 NPTM x 8L M 90°
B34650416	1/4 NPTM x 10L M 90°
B34650418	1/4 NPTM x 12L M 90°
B34650614	3/8 NPTM x 8L M 90°
B34650616	3/8 NPTM x 10L M 90°
B34650618	3/8 NPTM x 12L M 90°
B34650622	3/8 NPTM x 15L M 90°
B34650814	1/2 NPTM x 8L M 90°
B34650816	1/2 NPTM x 10L M 90°
B34650818	1/2 NPTM x 12L M 90°
B34650822	1/2 NPTM x 15L M 90°
B34650826	1/2 NPTM x 18L M 90°
B34651226	3/4 NPTM x 18L M 90°
B34651230	3/4 NPTM x 22L M 90°
B34651636	1 NPTM x 28L M 90°
B34652045	1-1/4 NPTM x 35L M 90°
B34652452	1-1/2 NPTM x 42L M 90°

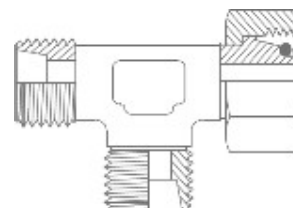
Tee

Metric Heavy Male / Metric Heavy Female Swivel Run Tee



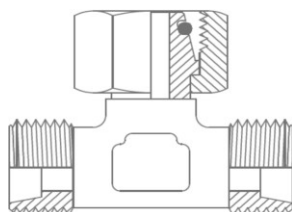
D686968141414	6S Run Tee
D686968161616	8S Run Tee
D686968181818	10S Run Tee
D686968202020	12S Run Tee
D686968222222	14S Run Tee
D686968242424	16S Run Tee
D686968303030	20S Run Tee
D686968363636	25S Run Tee
D686968424242	30S Run Tee
D686968525252	38S Run Tee

Metric Light Male / Metric Light Female Swivel Run Tee



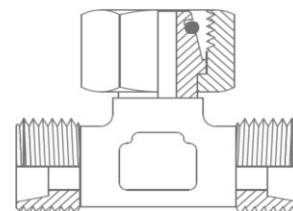
D656765121212	6L Run Tee
D656765141414	8L Run Tee
D656765161616	10L Run Tee
D656765181818	12L Run Tee
D656765222222	15L Run Tee
D656765262626	18L Run Tee
D656765303030	22L Run Tee
D656765363636	28L Run Tee
D656765454545	35L Run Tee
D656765525252	42L Run Tee

Metric Heavy Male / Metric Heavy Female Swivel Branch Tee



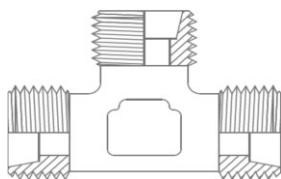
D686869141414	6S Branch Tee
D686869161616	8S Branch Tee
D686869181818	10S Branch Tee
D686869202020	12S Branch Tee
D686869222222	14S Branch Tee
D686869242424	16S Branch Tee
D686869303030	20S Branch Tee
D686869363636	25S Branch Tee
D686869424242	30S Branch Tee
D686869525252	38S Branch Tee

Metric Light Male / Metric Light Female Swivel Branch Tee



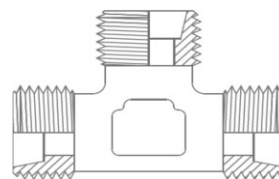
D656567121212	6L Branch Tee
D656567141414	8L Branch Tee
D656567161616	10L Branch Tee
D656567181818	12L Branch Tee
D656567222222	15L Branch Tee
D656567262626	18L Branch Tee
D656567303030	22L Branch Tee
D656567363636	28L Branch Tee
D656567454545	35L Branch Tee
D656567525252	42L Branch Tee

Metric Heavy Male Tee



D686868141414	6S Male Tee
D686868161616	8S Male Tee
D686868181818	10S Male Tee
D686868202020	12S Male Tee
D686868222222	14S Male Tee
D686868242424	16S Male Tee
D686868303030	20S Male Tee
D686868363636	25S Male Tee
D686868424242	30S Male Tee
D686868525252	38S Male Tee

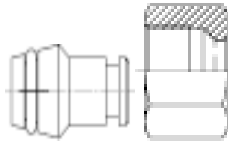
Metric Light Male Tee



D656565121212	6L Male Tee
D656565141414	8L Male Tee
D656565161616	10L Male Tee
D656565181818	12L Male Tee
D656565222222	15L Male Tee
D656565262626	18L Male Tee
D656565303030	22L Male Tee
D656565363636	28L Male Tee
D656565454545	35L Male Tee
D656565525252	42L Male Tee

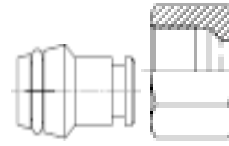
Caps & Plugs

Metric Heavy Cap



F6914	6S Cap
F6916	8S Cap
F6918	10S Cap
F6920	12S Cap
F6922	14S Cap
F6924	16S Cap
F6930	20S Cap
F6936	25S Cap
F6942	30S Cap
F6952	38S Cap

Metric Light Cap



F6712	6L Cap
F6714	8L Cap
F6716	10L Cap
F6718	12L Cap
F6722	15L Cap
F6726	18L Cap
F6730	22L Cap
F6736	28L Cap
F6745	35L Cap
F6752	42L Cap

Metric Heavy Plug



F6814	6S Threaded Plug
F6816	8S Threaded Plug
F6818	10S Threaded Plug
F6820	12S Threaded Plug
F6822	14S Threaded Plug
F6824	16S Threaded Plug
F6830	20S Threaded Plug
F6836	25S Threaded Plug
F6842	30S Threaded Plug
F6852	38S Threaded Plug

Metric Light Plug



F6512	6L Threaded Plug
F6514	8L Threaded Plug
F6516	10L Threaded Plug
F6518	12L Threaded Plug
F6522	15L Threaded Plug
F6526	18L Threaded Plug
F6530	22L Threaded Plug
F6536	28L Threaded Plug
F6545	35L Threaded Plug
F6552	42L Threaded Plug

Associated Items

Metric Heavy Compression Nut



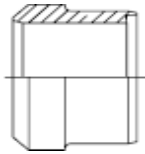
M6S	6S Nut
M8S	8S Nut
M10S	10S Nut
M12S	12S Nut
M14S	14S Nut
M16S	16S Nut
M20S	20S Nut
M25S	25S Nut
M30S	30S Nut
M38S	38S Nut

Metric Light Compression Nut

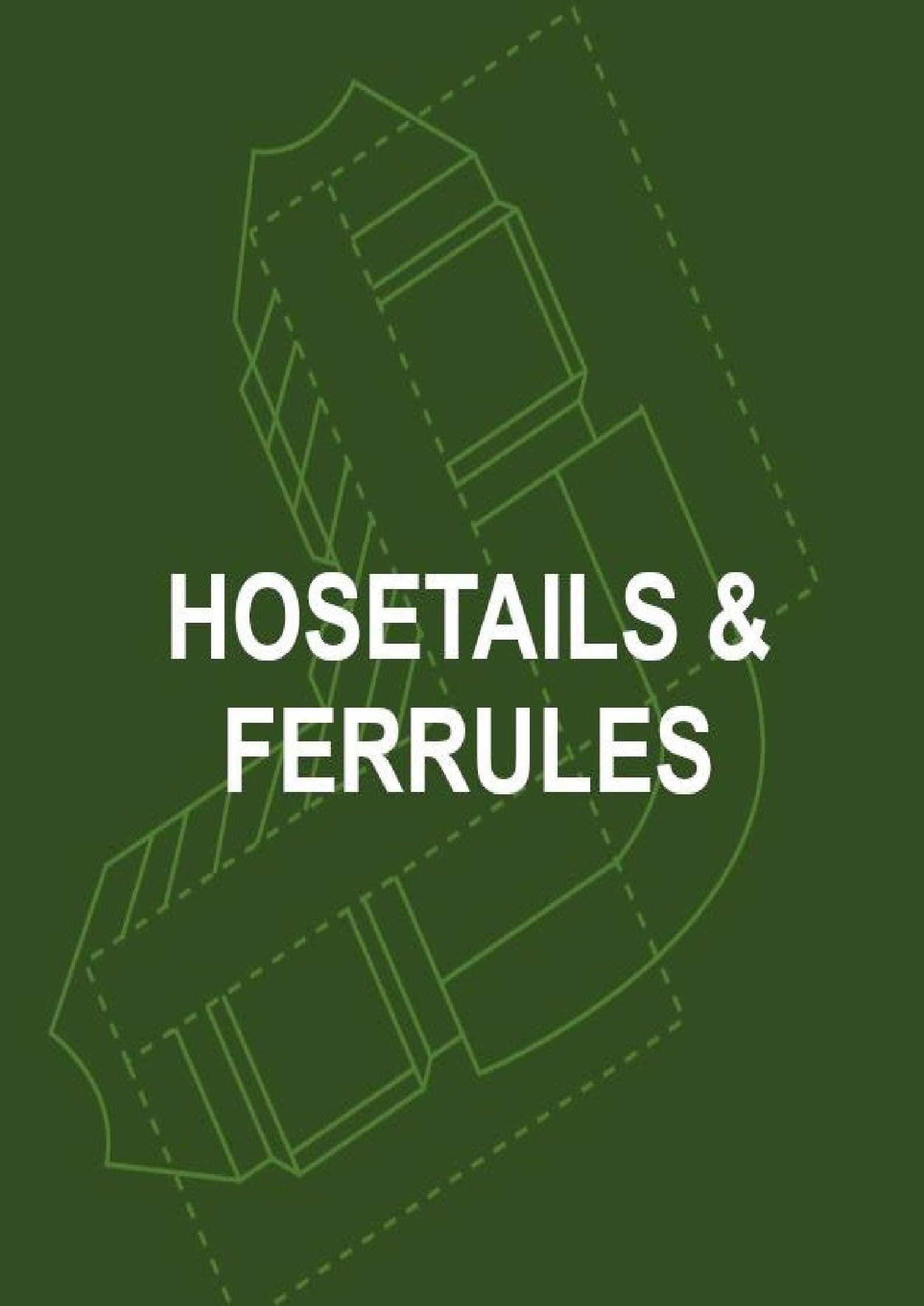


M6LL	6LL Nut
M6L	6L Nut
M8L	8L Nut
M10L	10L Nut
M12L	12L Nut
M15L	15L Nut
M18L	18L Nut
M22L	22L Nut
M28L	28L Nut
M35L	35L Nut
M42L	42L Nut

Metric Cutting Ring



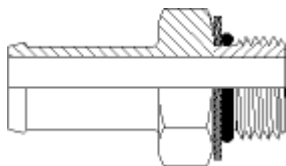
P-R6LL	6mm Cutting Sleeve (Extra Light)
P-R6L/S	6mm Cutting Sleeve
P-R8L/S	8mm Cutting Sleeve
P-R10L/S	10mm Cutting Sleeve
P-R12L/S	12mm Cutting Sleeve
P-R14S	14mm Cutting Sleeve
P-R15L	15mm Cutting Sleeve
P-R16S	16mm Cutting Sleeve
P-R18L	18mm Cutting Sleeve
P-R20S	20mm Cutting Sleeve
P-R22L	22mm Cutting Sleeve
P-R25S	25mm Cutting Sleeve
P-R28L	28mm Cutting Sleeve
P-R30S	30mm Cutting Sleeve
P-R35L	35mm Cutting Sleeve
P-R38S	38mm Cutting Sleeve
P-R42L	42mm Cutting Sleeve

A technical line drawing in a light green color on a dark green background. The drawing shows a perspective view of a hose tail assembly. It includes a cylindrical ferrule with longitudinal grooves, a hose tail with a hexagonal base, and a curved hose. Dashed lines indicate hidden internal features and edges of the components.

HOSETAILS & FERRULES

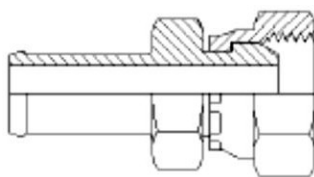
Low Pressure Hosetails Straight

BSPP Male to Low Pressure Hosetail



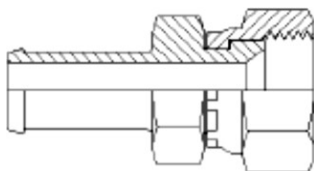
A07101212	3/4 Tail x 3/4 BSPPM
A07101612	1 Tail x 3/4 BSPPM
A07101616	1 Tail x 3/4 BSPPM
A07102012	1-1/4 Tail x 3/4 BSPPM
A07102016	1-1/4 Tail x 1 BSPPM
A07102020	1-1/4 Tail x 1-1/4 BSPPM
A07102416	1-1/2 Tail x 1 BSPPM
A07102420	1-1/2 Tail x 1-1/4 BSPPM
A07102424	1-1/2 Tail x 1-1/2 BSPPM

BSPP Female to Low Pressure Hosetail



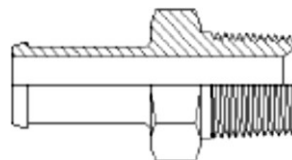
A07171212	3/4 Tail x 3/4 BSPPFS
A07171616	1 Tail x 1 BSPPFS
A07172020	1-1/4 Tail x 1-1/4 BSPPFS
A07172424	1-1/2 Tail x 1-1/2 BSPPFS

JIC Female to Low Pressure Hosetail



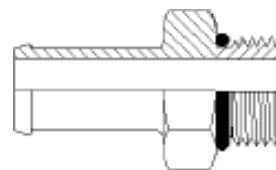
A07531617	1 Tail x 1-1/16 JICFS
A07532026	1-1/4 Tail x 1-5/8 JICFS

BSPT Male to Low Pressure Hosetail



A07220808	1/2 Tail x 1/2 BSPTM
A07221208	3/4 Tail x 1/2 BSPTM
A07221212	3/4 Tail x 3/4 BSPTM
A07221216	3/4 Tail x 1 BSPTM
A07221608	1 Tail x 1/2 BSPTM
A07221612	1 Tail x 3/4 BSPTM
A07221616	1 Tail x 1 BSPTM
A07221620	1 Tail x 1-1/4 BSPTM
A07221624	1 Tail x 1-1/2 BSPTM
A07222012	1-1/4 Tail x 3/4 BSPTM
A07222016	1-1/4 Tail x 1 BSPTM
A07222020	1-1/4 Tail x 1-1/4 BSPTM
A07222024	1-1/4 Tail x 1-1/2 BSPTM
A07222416	1-1/2 Tail x 1 BSPTM
A07222420	1-1/2 Tail x 1-1/4 BSPTM
A07222424	1-1/2 Tail x 1-1/2 BSPTM
A07222432	1-1/2 Tail x 2 BSPTM
A07223224	2 Tail x 1-1/2 BSPTM
A07223232	2 Tail x 2 BSPTM

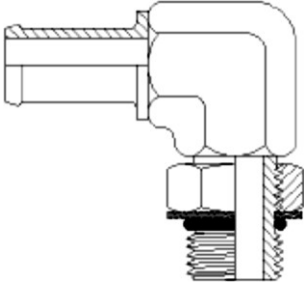
UNO Male to Low Pressure Hosetail



A07561217	3/4 Tail x 1-1/16 UNOM
A07561617	1 Tail x 1-1/16 UNOM
A07561621	1 Tail x 1-5/16 UNOM
A07562017	1-1/4 Tail x 1-1/16 UNOM
A07562021	1-1/4 Tail x 1-5/16 UNOM
A07562026	1-1/4 Tail x 1-5/8 UNOM
A07562417	1-1/2 Tail x 1-1/16 UNOM
A07562421	1-1/2 Tail x 1-5/16 UNOM
A07562426	1-1/2 Tail x 1-5/16 UNOM
A07562430	1-1/2 Tail x 1-7/8 UNOM

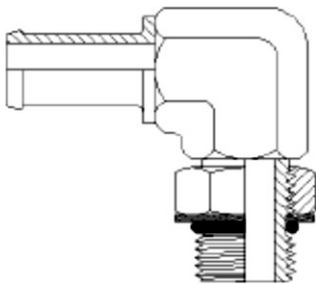
90 Degree

BSPP Male to Low Pressure Hosetail 90 Degree



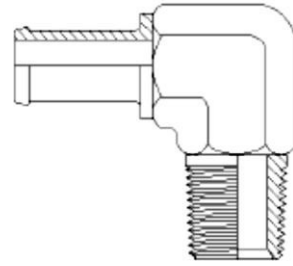
B07131212	3/4 Tail x 3/4 BSPPM 90°
B07131608	1 Tail x 1/2 BSPPM 90°
B07131612	1 Tail x 3/4 BSPPM 90°
B07131616	1 Tail x 1 BSPPM 90°
B07131620	1 Tail x 1-1/4 BSPPM 90°
B07132012	1-1/4 Tail x 3/4 BSPPM 90°
B07132016	1-1/4 Tail x 1 BSPPM 90°
B07132020	1-1/4 Tail x 1-1/4 BSPPM 90°
B07132024	1-1/4 Tail x 1-1/2 BSPPM 90°
B07132416	1-1/2 Tail x 1 BSPPM 90°
B07132420	1-1/2 Tail x 1-1/4 BSPPM 90°
B07132424	1-1/2 Tail x 1-1/2 BSPPM 90°

UNO Male to Low Pressure Hosetail 90 Degree



B07571212	3/4 Tail x 3/4 UNOM 90°
B07571217	3/4 Tail x 1-1/16 UNOM 90°
B07571617	1 Tail x 1-1/16 UNOM 90°
B07571621	1 Tail x 1-5/16 UNOM 90°
B07572017	1-1/4 Tail x 1-1/16 UNOM 90°
B07572021	1-1/4 Tail x 1-5/16 UNOM 90°
B07572026	1-1/4 Tail x 1-5/8 UNOM 90°
B07572421	1-1/2 Tail x 1-5/16 UNOM 90°
B07572426	1-1/2 Tail x 1-5/8 UNOM 90°
B07572430	1-1/2 Tail x 1-7/8 UNOM 90°

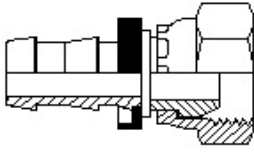
BSPT Male to Low Pressure Hosetail 90 Degree



B07220808	1/2 Tail x 1/2 BSPTM 90°
B07221208	3/4 Tail x 1/2 BSPTM 90°
B07221212	3/4 Tail x 3/4 BSPTM 90°
B07221216	3/4 Tail x 1 BSPTM 90°
B07221220	3/4 Tail x 1-1/4 BSPTM 90°
B07221608	1 Tail x 1/2 BSPTM 90°
B07221612	1 Tail x 3/4 BSPTM 90°
B07221616	1 Tail x 1 BSPTM 90°
B07221620	1 Tail x 1-1/4 BSPTM 90°
B07222012	1-1/4 Tail x 3/4 BSPTM 90°
B07222016	1-1/4 Tail x 1 BSPTM 90°
B07222020	1-1/4 Tail x 1-1/4 BSPTM 90°
B07222024	1-1/4 Tail x 1-1/2 BSPTM 90°
B07222416	1-1/2 Tail x 1 BSPTM 90°
B07222420	1-1/2 Tail x 1-1/4 BSPTM 90°
B07222424	1-1/2 Tail x 1-1/2 BSPTM 90°
B07223220	2 Tail x 1-1/4 BSPTM 90°
B07223224	2 Tail x 1-1/2 BSPTM 90°
B07223232	2 Tail x 2 BSPTM 90°

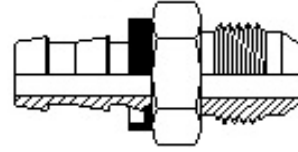
Push On Hosetails

BSPP Female to Push On Hosetail



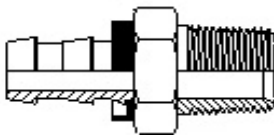
A06170402	1/8 Pushlock x 1/4 BSPFS
A06170404	1/4 Pushlock x 1/4 BSPFS
A06170406	1/4 Pushlock x 3/8 BSPFS
A06170604	3/8 Pushlock x 1/4 BSPFS
A06170606	3/8 Pushlock x 3/8 BSPFS
A06170608	3/8 Pushlock x 1/2 BSPFS
A06170806	1/2 Pushlock x 3/8 BSPFS
A06170808	1/2 Pushlock x 1/2 BSPFS
A06171008	5/8 Pushlock x 1/2 BSPFS
A06171212	3/4 Pushlock x 3/4 BSPFS
A06171616	1 Pushlock x 1 BSPFS

JIC Male to Push On Hosetail



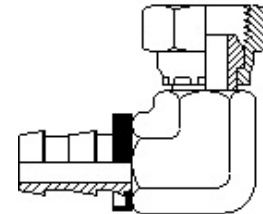
A06500407	1/4 Pushlock x 7/16 JICM
A06500409	1/4 Pushlock x 9/16 JICM
A06500609	3/8 Pushlock x 9/16 JICM
A06500612	3/8 Pushlock x 3/4 JICM
A06500812	1/2 Pushlock x 3/4 JICM
A06500814	1/2 Pushlock x 7/8 JICM
A06500817	1/2 Pushlock x 1-1/16 JICM
A06501014	5/8 Pushlock x 7/8 JICM
A06501017	5/8 Pushlock x 1-1/16 JICM
A06501214	3/4 Pushlock x 7/8 JICM
A06501217	3/4 Pushlock x 1-1/16 JICM

BSPT Male to Push On Hosetail



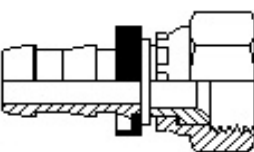
A06220404	1/4 Pushlock x 1/4 BSPTM
A06220604	3/8 Pushlock x 1/4 BSPTM
A06220606	3/8 Pushlock x 3/8 BSPTM
A06220806	1/2 Pushlock x 3/8 BSPTM
A06220808	1/2 Pushlock x 1/2 BSPTM
A06221212	3/4 Pushlock x 3/4 BSPTM

BSPP Female 90° to Push On Hosetail



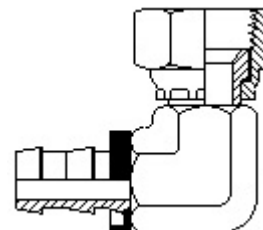
B06170404	1/4 Pushlock x 1/4 BSPFS 90°
B06170606	3/8 Pushlock x 3/8 BSPFS 90°
B06170808	1/2 Pushlock x 1/2 BSPFS 90°
B06171212	3/4 Pushlock x 3/4 BSPFS 90°

JIC Female to Push On Hosetail



A06530407	1/4 Pushlock x 7/16 JICFS
A06530408	1/4 Pushlock x 1/2 JICFS
A06530409	1/4 Pushlock x 9/16 JICFS
A06530609	3/8 Pushlock x 9/16 JICFS
A06530612	3/8 Pushlock x 3/4 JICFS
A06530812	1/2 Pushlock x 3/4 JICFS
A06530814	1/2 Pushlock x 7/8 JICFS
A06531014	5/8 Pushlock x 7/8 JICFS
A06531217	3/4 Pushlock x 1-1/16 JICFS
A06531621	1 Pushlock x 1-5/16 JICFS

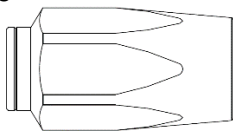
JIC Female 90° to Push On Hosetail



B06530407	1/4 Pushlock x 7/16 JICFS 90°
B06530409	1/4 Pushlock x 9/16 JICFS 90°
B06530609	3/8 Pushlock x 9/16 JICFS 90°
B06530612	3/8 Pushlock x 3/4 JICFS 90°
B06530812	1/2 Pushlock x 3/4 JICFS 90°
B06530814	1/2 Pushlock x 7/8 JICFS 90°
B06531014	5/8 Pushlock x 7/8 JICFS 90°
B06531217	3/4 Pushlock x 1-1/16 JICFS 90°

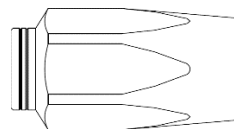
Re-Usable Hosetails

Ferrule - 1 wire



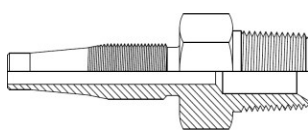
RU01-04	Re-Usable 1 Wire Ferrule 1/4
RU01-06	Re-Usable 1 Wire Ferrule 3/8
RU01-08	Re-Usable 1 Wire Ferrule 1/2
RU01-12	Re-Usable 1 Wire Ferrule 3/4
RU01-16	Re-Usable 1 Wire Ferrule 1

Ferrule - 2 wire



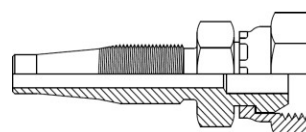
RU0204	Re-Usable 2 Wire Ferrule 1/4
RU02-06	Re-Usable 2 Wire Ferrule 3/8
RU02-08	Re-Usable 2 Wire Ferrule 1/2
RU02-12	Re-Usable 2 Wire Ferrule 3/4
RU02-16	Re-Usable 2 Wire Ferrule 1

BSPT Male to R1/R2 Hose



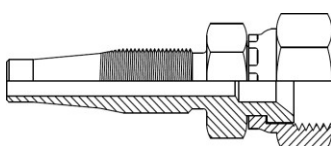
A01220402	1/4 Re-Usable Tail x 1/8 BSPTM
A01220404	1/4 Re-Usable Tail x 1/4 BSPTM
A01220406	1/4 Re-Usable Tail x 3/8 BSPTM
A01220604	3/8 Re-Usable Tail x 1/4 BSPTM
A01220606	3/8 Re-Usable Tail x 3/8 BSPTM
A01220608	3/8 Re-Usable Tail x 1/2 BSPTM
A01220806	1/2 Re-Usable Tail x 3/8 BSPTM
A01220808	1/2 Re-Usable Tail x 1/2 BSPTM
A01221212	3/4 Re-Usable Tail x 3/4 BSPTM
A01221616	1 Re-Usable Tail x 1 BSPTM

BSPP Female Swivel to R1/R2 Hose



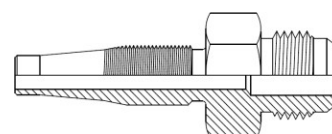
A01170402	1/4 Re-Usable Tail x 1/8 BSPFS
A01170404	1/4 Re-Usable Tail x 1/4 BSPFS
A01170406	1/4 Re-Usable Tail x 3/8 BSPFS
A01170604	3/8 Re-Usable Tail x 1/4 BSPFS
A01170606	3/8 Re-Usable Tail x 3/8 BSPFS
A01170608	3/8 Re-Usable Tail x 1/2 BSPFS
A01170806	1/2 Re-Usable Tail x 3/8 BSPFS
A01170808	1/2 Re-Usable Tail x 1/2 BSPFS
A01171212	3/4 Re-Usable Tail x 3/4 BSPFS
A01171616	1 Re-Usable Tail x 1 BSPFS

JIC Female Swivel to R1/R2 Hose



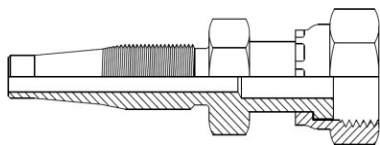
A01530407	1/4 Re-Usable Tail x 7/16 JICFS
A01530409	1/4 Re-Usable Tail x 9/16 JICFS
A01530609	3/8 Re-Usable Tail x 9/16 JICFS
A01530612	3/8 Re-Usable Tail x 3/4 JICFS
A01530614	3/8 Re-Usable Tail x 7/8 JICFS
A01530812	1/2 Re-Usable Tail x 3/4 JICFS
A01530814	1/2 Re-Usable Tail x 7/8 JICFS
A01531217	3/4 Re-Usable Tail x 1-1/16 JICFS
A01531221	3/4 Re-Usable Tail x 1-5/16 JICFS
A01531621	1 Re-Usable Tail x 1-5/16 JICFS

JIC Male to R1/R2 Hose



A01500407	1/4 Re-Usable Tail x 7/16 JICM
A01500408	1/4 Re-Usable Tail x 1/2 JICM
A01500409	1/4 Re-Usable Tail x 9/16 JICM
A01500609	3/8 Re-Usable Tail x 9/16 JICM
A01500612	3/8 Re-Usable Tail x 3/4 JICM
A01500812	1/2 Re-Usable Tail x 3/4 JICM
A01500814	1/2 Re-Usable Tail x 7/8 JICM
A01501217	3/4 Re-Usable Tail x 1-1/16 JICM
A01501621	1 Re-Usable Tail x 1-5/16 JICM

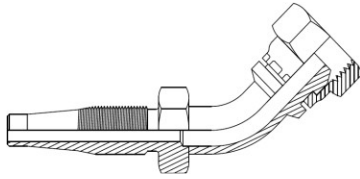
ORFS Female Swivel to R1/R2 Hose



A01890409	1/4 Re-Usable Tail x 9/16 ORFSF
A01890611	3/8 Re-Usable Tail x 11/16 ORFSF
A01890813	1/2 Re-Usable Tail x 13/16 ORFSF

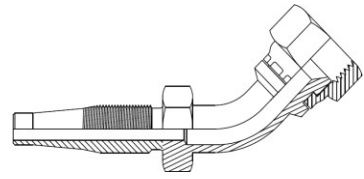
45 Degree

BSPP Female Swivel 45 Swept to R1/R2 Hose



J01170404	1/4 Re-Usable Tail x 1/4 BSPPF 45°
J01170606	3/8 Re-Usable Tail x 3/8 BSPPF 45°
J01170808	1/2 Re-Usable Tail x 1/2 BSPPF 45°
J01171212	3/4 Re-Usable Tail x 3/4 BSPPF 45°
J01171616	1 Re-Usable Tail x 1 BSPPF 45°

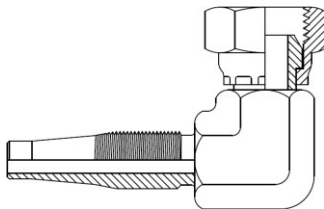
JIC Female Swivel 45 Swept to R1/R2 Hose



J01530407	1/4 Re-Usable Tail x 7/16 JICFS 45°
J01530409	1/4 Re-Usable Tail x 9/16 JICFS 45°
J01530609	3/8 Re-Usable Tail x 9/16 JICFS 45°
J01530612	3/8 Re-Usable Tail x 3/4 JICFS 45°
J01530812	1/2 Re-Usable Tail x 3/4 JICFS 45°
J01530814	1/2 Re-Usable Tail x 7/8 JICFS 45°
J01531217	3/4 Re-Usable Tail x 1-1/16 JICFS 45°
J01531621	1 Re-Usable Tail x 1-5/16 JICFS 45°

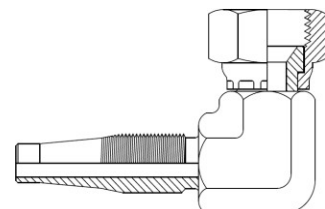
90 Degree Compact

BSPP Female Swivel 90 Compact to R1/R2 Hose



B01170404	1/4 Re-Usable Tail x 1/4 BSPFS 90°
B01170606	3/8 Re-Usable Tail x 3/8 BSPFS 90°
B01170608	3/8 Re-Usable Tail x 1/2 BSPFS 90°
B01170808	1/2 Re-Usable Tail x 1/2 BSPFS 90°
B01171212	3/4 Re-Usable Tail x 3/4 BSPFS 90°
B01171616	1 Re-Usable Tail x 1 BSPFS 90°

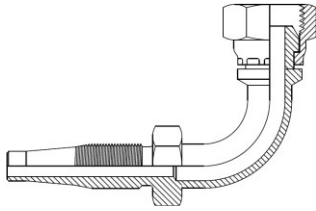
JIC Female Swivel 90 Compact to R1/R2 Hose



B01530407	1/4 Re-Usable Tail x 7/16 JICFS 90°
B01530409	1/4 Re-Usable Tail x 9/16 JICFS 90°
B01530609	3/8 Re-Usable Tail x 9/16 JICFS 90°
B01530612	3/8 Re-Usable Tail x 3/4 JICFS 90°
B01530812	1/2 Re-Usable Tail x 3/4 JICFS 90°
B01530814	1/2 Re-Usable Tail x 7/8 JICFS 90°
B01531217	3/4 Re-Usable Tail x 1-1/16 JICFS 90°

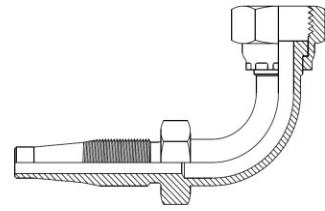
90 Degree Swept

BSPP Female Swivel 90 Swept to R1/R2 Hose



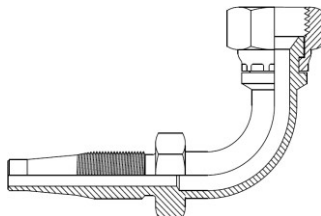
G01170404	1/4 Re-Usable Tail x 1/4 BSPFS 90°
G01170606	3/8 Re-Usable Tail x 3/8 BSPFS 90°
G01170608	3/8 Re-Usable Tail x 1/2 BSPFS 90°
G01170808	1/2 Re-Usable Tail x 1/2 BSPFS 90°
G01171212	3/4 Re-Usable Tail x 3/4 BSPFS 90°
G01171616	1 Re-Usable Tail x 1 BSPFS 90°

ORFS Female Swivel 90 Swept to R1/R2 Hose



G01890409	1/4 Re-Usable Tail x 9/16 ORFSF 90°
G01890611	3/8 Re-Usable Tail x 11/16 ORFSF 90°
G01890813	1/2 Re-Usable Tail x 13/16 ORFSF 90°

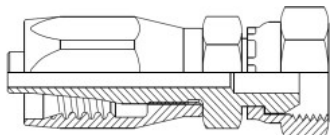
JIC Female Swivel 90 Swept to R1/R2 Hose



G01530407	1/4 Re-Usable Tail x 7/16 JICFS 90°
G01530408	1/4 Re-Usable Tail x 1/2 JICFS 90°
G01530409	1/4 Re-Usable Tail x 9/16 JICFS 90°
G01530409E	1/4 Re-Usable Tail x 9/16 JICFS 90° Long Drop
G01530609	3/8 Re-Usable Tail x 9/16 JICFS 90°
G01530609E	3/8 Re-Usable Tail x 9/16 JICFS 90° Long Drop
G01530612	3/8 Re-Usable Tail x 3/4 JICFS 90°
G01530612E	3/8 Re-Usable Tail x 3/4 JICFS 90° Long Drop
G01530812	1/2 Re-Usable Tail x 3/4 JICFS 90°
G01530814	1/2 Re-Usable Tail x 7/8 JICFS 90°
G01531217	3/4 Re-Usable Tail x 1-1/16 JICFS 90°
G01531221	3/4 Re-Usable Tail x 1-5/16 JICFS 90°
G01531621	1 Re-Usable Tail x 1-5/16 JICFS 90°

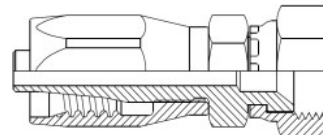
R5 Re-Usable Hosetails

BSPF Female Swivel to R5 Hose



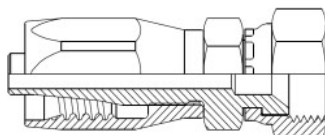
R5-BSF-0404	-4 Re-Usable Tail x 1/4 BSPFS
R5-BSF-0606	-6 Re-Usable Tail x 3/8 BSPFS
R5-BSF-0808	-8 Re-Usable Tail x 1/2 BSPFS
R5-BSF-1212	-12 Re-Usable Tail x 3/4 BSPFS
R5-BSF-1616	-16 Re-Usable Tail x 1 BSPFS

SAE Female Swivel (45° Cone) to R5 Hose



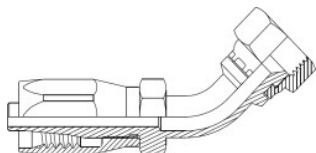
R5-SAF-0610	-6 Re-Usable Tail x 5/8 SAE Female
R5-SAF-1217	-12 Re-Usable Tail x 1-1/16 SAE Female

JIC Female Swivel to R5 Hose



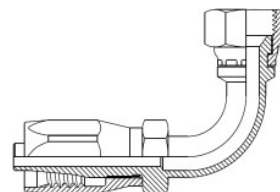
R5-JIF-0407	-4 Re-Usable Tail x 7/16 JICFS
R5-JIF-0508	-5 Re-Usable Tail x 1/2 JICFS
R5-JIF-0609	-6 Re-Usable Tail x 9/16 JICFS
R5-JIF-0812	-8 Re-Usable Tail x 3/4 JICFS
R5-JIF-1012	-10 Re-Usable Tail x 3/4 JICFS
R5-JIF-1014	-10 Re-Usable Tail x 7/8 JICFS
R5-JIF-1214	-12 Re-Usable Tail x 7/8 JICFS
R5-JIF-1217	-12 Re-Usable Tail x 1-1/16 JICFS
R5-JIF-1621	-16 Re-Usable Tail x 1-5/16 JICFS

JIC Female Swivel 45 Swept to R5 Hose



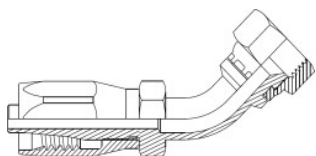
R5-JIF-45S-0407	-4 Re-Usable Tail x 7/16 JICFS 45°
R5-JIF-45S-0609	-6 Re-Usable Tail x 9/16 JICFS 45°
R5-JIF-45S-0812	-8 Re-Usable Tail x 3/4 JICFS 45°
R5-JIF-45S-1014	-10 Re-Usable Tail x 7/8 JICFS 45°
R5-JIF-45S-1217	-12 Re-Usable Tail x 1-1/16 JICFS 45°
R5-JIF-45S-1621	-16 Re-Usable Tail x 1-5/16 JICFS 45°

JIC Female Swivel 90 Swept to R5 Hose



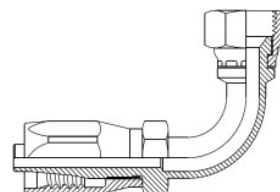
R5-JIF-90S-0407	-4 Re-Usable Tail x 7/16 JICFS 90°
R5-JIF-90S-0609	-6 Re-Usable Tail x 9/16 JICFS 90°
R5-JIF-90S-0812	-8 Re-Usable Tail x 3/4 JICFS 90°
R5-JIF-90S-1012	-10 Re-Usable Tail x 3/4 JICFS 90°
R5-JIF-90S-1014	-10 Re-Usable Tail x 7/8 JICFS 90°
R5-JIF-90S-1217	-12 Re-Usable Tail x 1-1/16 JICFS 90°
R5-JIF-90S-1621	-16 Re-Usable Tail x 1-5/16 JICFS 90°

SAE Female Swivel 45 Swept (45° Cone) to R5 Hose



R5-SAF-45S-0610	-6 Re-Usable Tail x 5/8 SAE Female 45°
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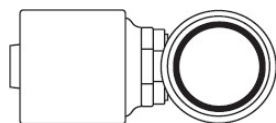
SAE Female Swivel 90 Swept (45° Cone) to R5 Hose



R5-SAF-90S-0610	-6 Re-Usable Tail x 5/8 SAE Female 90°
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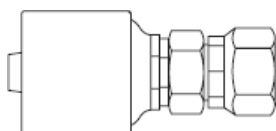
One Piece Hosetails Straight R1/R2 Hose

BSP Banjo to R1/R2 Hose



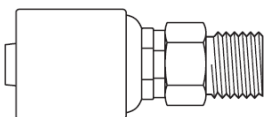
A02250404-1P	1/4 Tail x 1/4 BSP Banjo
A02250606-1P	3/8 Tail x 3/8 BSP Banjo
A02250808-1P	1/2 Tail x 1/2 BSP Banjo
A02251212-1P	3/4 Tail x 3/4 BSP Banjo

BSP Inverted Cone (JIS) Female to R1/R2 Hose



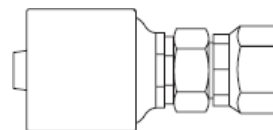
A02180404-1P	1/4 Tail x 1/4 JIS BSPSF-Inverted
A02180606-1P	3/8 Tail x 3/8 JIS BSPSF-Inverted
A02180808-1P	1/2 Tail x 1/2 JIS BSPSF-Inverted
A02181212-1P	3/4 Tail x 3/4 JIS BSPSF-Inverted
A02181616-1P	1 Tail x 1 JIS BSPSF-Inverted

BSPP Male to R1/R2 Hose



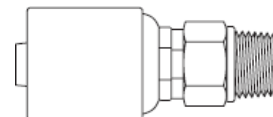
A02100404-1P	1/4 Tail x 1/4 BSPPM
A02100406-1P	1/4 Tail x 3/8 BSPPM
A02100604-1P	3/8 Tail x 1/4 BSPPM
A02100606-1P	3/8 Tail x 3/8 BSPPM
A02100608-1P	3/8 Tail x 1/2 BSPPM
A02100806-1P	1/2 Tail x 3/8 BSPPM
A02100808-1P	1/2 Tail x 1/2 BSPPM
A02101010-1P	5/8 Tail x 5/8 BSPPM
A02101212-1P	3/4 Tail x 3/4 BSPPM
A02101616-1P	1 Tail x 1 BSPPM
A02102020-1P	1-1/4 Tail x 1-1/4 BSPPM

BSPP Female Swivel to R1/R2 Hose



A02170402-1P	1/4 Tail x 1/8 BSPPFS
A02170404-1P	1/4 Tail x 1/4 BSPPFS
A02170406-1P	1/4 Tail x 3/8 BSPPFS
A02170506-1P	5/16 Tail x 3/8 BSPPFS
A02170606-1P	3/8 Tail x 3/8 BSPPFS
A02170608-1P	3/8 Tail x 1/2 BSPPFS
A02170806-1P	1/2 Tail x 3/8 BSPPFS
A02170808-1P	1/2 Tail x 1/2 BSPPFS
A02170810-1P	1/2 Tail x 5/8 BSPPFS
A02170812-1P	1/2 Tail x 3/4 BSPPFS
A02171010-1P	5/8 Tail x 5/8 BSPPFS
A02171012-1P	5/8 Tail x 3/4 BSPPFS
A02171212-1P	3/4 Tail x 3/4 BSPPFS
A02171216-1P	3/4 Tail x 1 BSPPFS
A02171616-1P	1 Tail x 1 BSPPFS
A02172020-1P	1-1/4 Tail x 1-1/4 BSPPFS

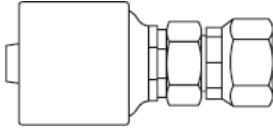
BSPT Male to R1/R2 Hose



A02220402-1P	1/4 Tail x 1/8 BSPTM
A02220404-1P	1/4 Tail x 1/4 BSPTM
A02220406-1P	1/4 Tail x 3/8 BSPTM
A02220606-1P	3/8 Tail x 3/8 BSPTM
A02220608-1P	3/8 Tail x 1/2 BSPTM
A02220806-1P	1/2 Tail x 3/8 BSPTM
A02220808-1P	1/2 Tail x 1/2 BSPTM
A02221010-1P	5/8 Tail x 5/8 BSPTM
A02221212-1P	3/4 Tail x 3/4 BSPTM
A02221616-1P	1 Tail x 1 BSPTM

JIC Female Swivel to R1/R2 Hose

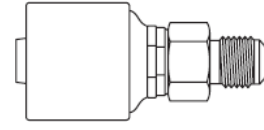
-1P



-1P

A02530407-1P	1/4 Tail x 7/16 JICFS
A02530408-1P	1/4 Tail x 1/2 JICFS
A02530409-1P	1/4 Tail x 9/16 JICFS
A02530508-1P	5/16 Tail x 1/2 JICFS
A02530509-1P	5/16 Tail x 9/16 JICFS
A02530607-1P	3/8 Tail x 7/16 JICFS
A02530608-1P	3/8 Tail x 1/2 JICFS
A02530609-1P	3/8 Tail x 9/16 JICFS
A02530612-1P	3/8 Tail x 3/4 JICFS
A02530614-1P	3/8 Tail x 7/8 JICFS
A02530617-1P	3/8 Tail x 1-1/16 JICFS
A02530809-1P	1/2 Tail x 9/16 JICFS
A02530812-1P	1/2 Tail x 3/4 JICFS
A02530814-1P	1/2 Tail x 7/8 JICFS
A02530817-1P	1/2 Tail x 1-1/16 JICFS
A02531012-1P	5/8 Tail x 3/4 JICFS
A02531014-1P	5/8 Tail x 7/8 JICFS
A02531017-1P	5/8 Tail x 1-1/16 JICFS
A02531214-1P	3/4 Tail x 7/8 JICFS
A02531217-1P	3/4 Tail x 1-1/16 JICFS
A02531219-1P	3/4 Tail x 1-3/16 JICFS
A02531221-1P	3/4 Tail x 1-5/16 JICFS
A02531617-1P	1 Tail x 1-1/16 JICFS
A02531619-1P	1 Tail x 1-3/16 JICFS
A02531621-1P	1 Tail x 1-5/16 JICFS
A02531626-1P	1 Tail x 1-5/8 JICFS
A02532026-1P	1-1/4 Tail x 1-5/8 JICFS
A02532030-1P	1-1/4 Tail x 1-7/8 JICFS

JIC Male to R1/R2 Hose



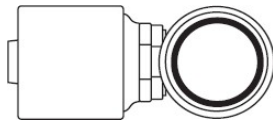
A02500407-1P	1/4 Tail x 7/16 JICM
A02500408-1P	1/4 Tail x 1/2 JICM
A02500409-1P	1/4 Tail x 9/16 JICM
A02500412-1P	1/4 Tail x 3/4 JICM
A02500509-1P	5/16 Tail x 9/16 JICM
A02500609-1P	3/8 Tail x 9/16 JICM
A02500612-1P	3/8 Tail x 3/4 JICM
A02500614-1P	3/8 Tail x 7/8 JICM
A02500812-1P	1/2 Tail x 3/4 JICM
A02500814-1P	1/2 Tail x 7/8 JICM
A02500817-1P	1/2 Tail x 1-1/16 JICM
A02501014-1P	5/8 Tail x 7/8 JICM
A02501017-1P	5/8 Tail x 1-1/16 JICM
A02501217-1P	3/4 Tail x 1-1/16 JICM
A02501219-1P	3/4 Tail x 1-3/16 JICM
A02501221-1P	3/4 Tail x 1-5/16 JICM
A02501621-1P	1 Tail x 1-5/16 JICM
A02501626-1P	1 Tail x 1-5/8 JICM
A02502026-1P	1-1/4 Tail x 1-5/8 JICM

JIC/SAE Female Swivel to Thermoplastic Hose



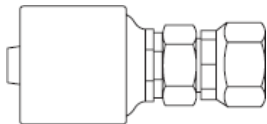
2PCTS-4FJSX	1/8 Tail x 7/16 Dual Seat JIC 37°/SAE 45° F/S
3PCTS-4FJSX	3/16 Tail x 7/16 Dual Seat JIC 37°/SAE 45° F/S

Metric Banjo to R1/R2 Hose



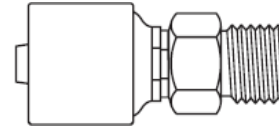
A02830410-1P	1/4 Tail x 10mm Banjo
A02830412-1P	1/4 Tail x 12mm Banjo
A02830414-1P	1/4 Tail x 14mm Banjo
A02830416-1P	1/4 Tail 16mm Banjo
A02830614-1P	3/8 Tail x 14mm Banjo
A02830616-1P	3/8 Tail x 16mm Banjo
A02830618-1P	3/8 Tail x 18mm Banjo
A02830622-1P	3/8 Tail x 22mm Banjo
A02830818-1P	1/2 Tail x 18mm Banjo
A02830822-1P	1/2 Tail x 22mm Banjo
A02831022-1P	5/8 Tail x 12mm Banjo

Metric Heavy Female Swivel to R1/R2 Hose



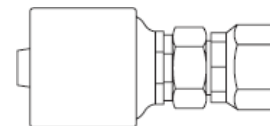
A02690414-1P	1/4 Tail x M14 Heavy Female
A02690416-1P	1/4 Tail x M16 Heavy Female
A02690418-1P	1/4 Tail x M18 Heavy Female
A02690420-1P	1/4 Tail x M20 Heavy Female
A02690520-1P	5/16 Tail x M20 Heavy Female
A02690618-1P	3/8 Tail x M18 Heavy Female
A02690620-1P	3/8 Tail x M20 Heavy Female
A02690622-1P	3/8 Tail x M22 Heavy Female
A02690820-1P	1/2 Tail x M20 Heavy Female
A02690822-1P	1/2 Tail x M22 Heavy Female
A02690824-1P	1/2 Tail x M24 Heavy Female
A02690830-1P	1/2 Tail x M30 Heavy Female
A02691024-1P	5/8 Tail x M24 Heavy Female
A02691030-1P	5/8 Tail x M30 Heavy Female
A02691230-1P	3/4 Tail x M36 Heavy Female
A02691236-1P	3/4 Tail x M36 Heavy Female
A02691636-1P	1 Tail x M36 Heavy Female
A02691642-1P	1 Tail x M42 Heavy Female
A02692052-1P	1-1/4 Tail x M52 Heavy Female

Metric Heavy Male to R1/R2 Hose



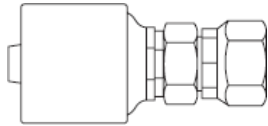
A02680416-1P	1/4 Tail x M16 Heavy Male
A02680418-1P	1/4 Tail x M18 Heavy Male
A02680618-1P	3/8 Tail x M18 Heavy Male
A02680620-1P	3/8 Tail x M20 Heavy Male
A02680622-1P	3/8 Tail x M22 Heavy Male
A02680820-1P	1/2 Tail x M20 Heavy Male
A02680824-1P	1/2 Tail x M24 Heavy Male
A02681030-1P	5/8 Tail x M30 Heavy Male
A02681230-1P	3/4 Tail x M30 Heavy Male
A02681236-1P	3/4 Tail x M36 Heavy Male
A02681636-1P	1 Tail x M36 Heavy Male
A02681642-1P	1 Tail x M42 Heavy Male
A02682052-1P	1-1/4 Tail x M52 Heavy Male

Metric JIS Male (Komatsu) Swivel to R1/R2 Hose



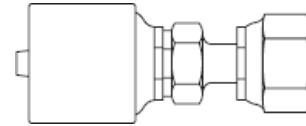
A02760414-1P	1/4 Tail x M14 Komatsu Female
A02760418-1P	1/4 Tail x M18 Komatsu Female
A02760618-1P	3/8 Tail x M18 Komatsu Female
A02760822-1P	1/2 Tail x M22 Komatsu Female
A02761024-1P	5/8 Tail x M24 Komatsu Female
A02761230-1P	3/4 Tail x M30 Komatsu Female
A02761633-1P	1 Tail x M33 Komatsu Female

Metric Light Female Swivel to R1/R2 Hose



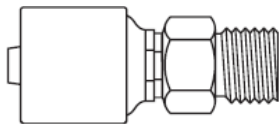
A02670412-1P	1/4 Tail x M12 Light Female
A02670414-1P	1/4 Tail x M14 Light Female
A02670416-1P	1/4 Tail x M16 Light Female
A02670418-1P	1/4 Tail x M18 Light Female
A02670516-1P	5/16 Tail x M16 Light Female
A02670518-1P	5/16 Tail x M18 Light Female
A02670616-1P	3/8 Tail x M16 Light Female
A02670618-1P	3/8 Tail x M18 Light Female
A02670622-1P	3/8 Tail x M22 Light Female
A02670818-1P	1/2 Tail x M18 Light Female
A02670822-1P	1/2 Tail x M22 Light Female
A02670826-1P	1/2 Tail x M26 Light Female
A02671026-1P	5/8 Tail x M26 Light Female
A02671226-1P	3/4 Tail x M26 Light Female
A02671230-1P	3/4 Tail x M30 Light Female
A02671636-1P	1 Tail x M36 Light Female
A02672045-1P	1-1/4 Tail x M45 Light Female

ORFS Female Swivel to R1/R2 Hose



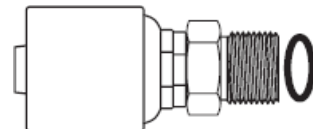
A02890409-1P	1/4 Tail x 9/16 ORFS Female
A02890411-1P	1/4 Tail x 11/16 ORFS Female
A02890413-1P	1/4 Tail x 13/16 ORFS Female
A02890609-1P	3/8 Tail x 9/16 ORFS Female
A02890611-1P	3/8 Tail x 11/16 ORFS Female
A02890613-1P	3/8 Tail x 13/16 ORFS Female
A02890811-1P	1/2 Tail x 11/16 ORFS Female
A02890813-1P	1/2 Tail x 13/16 ORFS Female
A02890816-1P	1/2 Tail x 1 ORFS Female
A02890819-1P	1/2 Tail x 1-3/16 ORFS Female
A02891016-1P	5/8 Tail x 1 ORFS Female
A02891019-1P	5/8 Tail x 1-3/16 ORFS Female
A02891216-1P	3/4 Tail x 1 ORFS Female
A02891219-1P	3/4 Tail x 1-3/16 ORFS Female
A02891223-1P	3/4 Tail x 1-7/16 ORFS Female
A02891623-1P	1 Tail x 1-7/16 ORFS Female
A02891627-1P	1 Tail x 1-11/16 ORFS Female
A02892027-1P	1-1/4 Tail x 1-11/16 ORFS Female

Metric Light Male to R1/R2 Hose



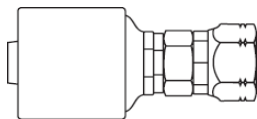
A02650412-1P	1/4 Tail x M12 Light Male
A02650414-1P	1/4 Tail x M14 Light Male
A02650416-1P	1/4 Tail x M16 Light Male
A02650418-1P	1/4 Tail x M18 Light Male
A02650518-1P	5/16 Tail x M18 Light Male
A02650616-1P	3/8 Tail x M16 Light Male
A02650618-1P	3/8 Tail x M18 Light Male
A02650622-1P	3/8 Tail x M22 Light Male
A02650822-1P	1/2 Tail x M22 Light Male
A02650826-1P	1/2 Tail x M26 Light Male
A02651026-1P	5/8 Tail x M26 Light Male
A02651030-1P	5/8 Tail x M30 Light Male
A02651226-1P	3/4 Tail x M26 Light Male
A02651230-1P	3/4 Tail x M30 Light Male
A02651636-1P	1 Tail x M36 Light Male
A02652045-1P	1-1/4 Tail x M45 Light Male

ORFS Male to R1/R2 Hose



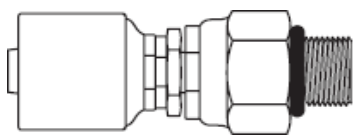
A02880409-1P	1/4 Tail x 9/16 ORFS Male
A02880411-1P	1/4 Tail x 11/16 ORFS Male
A02880611-1P	3/8 Tail x 11/16 ORFS Male
A02880613-1P	3/8 Tail x 13/16 ORFS Male
A02880813-1P	1/2 Tail x 13/16 ORFS Male
A02880816-1P	1/2 Tail x 1 ORFS Male
A02880819-1P	1/2 Tail x 1-3/16 ORFS Male
A02881016-1P	5/8 Tail x 1 ORFS Male
A02881019-1P	5/8 Tail x 1-3/16 ORFS Male
A02881219-1P	3/4 Tail x 1-3/16 ORFS Male
A02881223-1P	3/4 Tail x 1-7/16 ORFS Male
A02881623-1P	1 Tail x 1-7/16 ORFS Male
A02882027-1P	1-1/4 Tail x 1-11/16 ORFS Male

SAE Female Swivel (45 Degree Cone) to R1/R2 Hose



A02460407-1P	1/4 Tail x 7/16 SAE 45° Cone Fem
A02460610-1P	3/8 Tail x 5/8 SAE 45° Cone Female
A02460812-1P	1/2 Tail x 3/4 SAE 45° Cone Female
A02461217-1P	3/4 Tail x 1-1/16 SAE 45° Cone Female

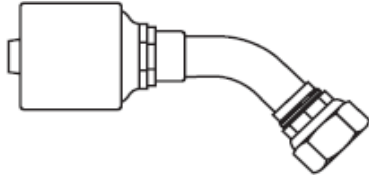
UNO Male Live Swivel to R1/R2 Hose



A02570812-1P	1/2 Tail x 3/4 UNO Live Swivel Male
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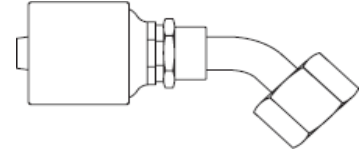
45 Degree Swept R1/R2 Hose

BSPF Female Swivel 45 Swept to R1/R2 Hose



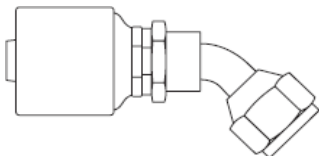
J02170404-1P	1/4 Tail x 1/4 BSPFS 45°
J02170406-1P	1/4 Tail x 3/8 BSPFS 45°
J02170606-1P	3/8 Tail x 3/8 BSPFS 45°
J02170608-1P	3/8 Tail x 1/2 BSPFS 45°
J02170808-1P	1/2 Tail x 1/2 BSPFS 45°
J02170810-1P	1/2 Tail x 5/8 BSPFS 45°
J02171010-1P	5/8 Tail x 5/8 BSPFS 45°
J02171012-1P	5/8 Tail x 3/4 BSPFS 45°
J02171212-1P	3/4 Tail x 3/4 BSPFS 45°
J02171616-1P	1 Tail x 1 BSPFS 45°
J02172020-1P	1-1/4 Tail x 1-1/4 BSPFS 45°

Metric Heavy Female Swivel 45 Swept to R1/R2 Hose



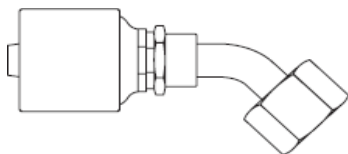
J02690416-1P	1/4" Tail x M16 Heavy 45° (8S)
J02690418-1P	1/4" Tail x M18 Heavy 45° (10S)
J02690420-1P	1/4" Tail x M20 Heavy 45° (12S)
J02690618-1P	3/8" Tail x M18 Heavy 45° (10S)
J02690620-1P	3/8" Tail x M20 Heavy 45° (12S)
J02690622-1P	3/8" Tail x M22 Heavy 45° (14S)
J02690822-1P	1/2" Tail x M22 Heavy 45° (14S)
J02690824-1P	1/2" Tail x M24 Heavy 45° (16S)
J02691030-1P	5/8" Tail x M30 Heavy 45° (20S)
J02691236-1P	3/4" Tail x M36 Heavy 45° (25S)
J02691642-1P	1" Tail x M42 Heavy 45° (30S)

JIC Female Swivel 45 Degree Swept to R1/R2 Hose

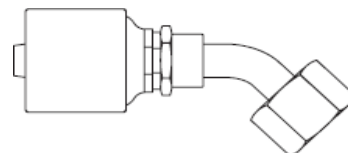


J02530407-1P	P-1P1/4 Tail x 7/16 JICFS 45°
J02530408-1P	1-1P/4 Tail x 1/2 JICFS 45°
J02530409-1P	1/4 -1PTail x 9/16 JICFS 45°
J02530609-1P	3/8 T-1Pail x 9/16 JICFS 45°
J02530612-1P	3/8 Ta-1il x 3/4 JICFS 45°
J02530812-1P	1/2 Tail x 3/4 JICFS 45°
J02530814-1P	1/2 Tail x 7/8 JICFS 45°
J02531014-1P	5/8 Tail x 7/8 JICFS 45°
J02531017-1P	5/8 Tail x 1-1/16 JICFS 45°
J02531214-1P	3/4 Tail x 7/8 JICFS 45°
J02531217-1P	3/4 Tail x 1-1/16 JICFS 45°
J02531621-1P	1 Tail x 1-5/16 JICFS 45°
J02532026-1P	1-1/4 Tail x 1-5/8 JICFS 45°

Metric Light Female Swivel 45 Swept to R1/R2 Hose



ORFS Female Swivel 45 Degree Swept to R1/R2 Hose

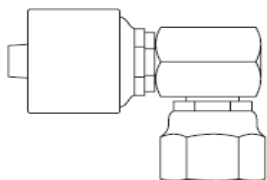


J02670412-1P	1/4 Tail x M12 Light 45°
J02670414-1P	1/4 Tail x M14 Light 45°
J02670416-1P	1/4 Tail x M16 Light 45°
J02670418-1P	1/4 Tail x M18 Light 45°
J02670516-1P	5/16 Tail x M16 Light 45°
J02670616-1P	3/8 Tail x M16 Light 45°
J02670618-1P	3/8 Tail x M18 Light 45°
J02670622-1P	3/8 Tail x M22 Light 45°
J02670818-1P	1/2 Tail x M18 Light 45°
J02670822-1P	1/2 Tail x M22 Light 45°
J02670826-1P	1/2 Tail x M26 Light 45°
J02671026-1P	5/8 Tail x M26 Light 45°
J02671230-1P	3/4 Tail x M30 Light 45°
J02671636-1P	1 Tail x M36 Light 45°
J02672045-1P	1-1/4 Tail x M45 Light 45°

J02890409-1P	1/4 Tail x 9/16 ORFS 45°
J02890411-1P	1/4 Tail x 11/16 ORFS 45°
J02890611-1P	3/8 Tail x 11/16 ORFS 45°
J02890613-1P	3/8 Tail x 13/16 ORFS 45°
J02890811-1P	1/2 Tail x 11/16 ORFS 45°
J02890813-1P	1/2 Tail x 13/16 ORFS 45°
J02890816-1P	1/2 Tail x 1 ORFS 45°
J02890819-1P	1/2 Tail x 1-3/16 ORFS 45°
J02891016-1P	5/8 Tail x 1 ORFS 45°
J02891019-1P	5/8 Tail x 1-3/16 ORFS 45°
J02891216-1P	3/4 Tail x 1 ORFS 45°
J02891219-1P	3/4 Tail x 1-3/16 ORFS 45°
J02891223-1P	3/4 Tail x 1-7/16 ORFS 45°
J02891623-1P	1 Tail x 1-7/16 ORFS 45°
J02892027-1P	1-1/4 Tail x 1-11/16 ORFS 45°

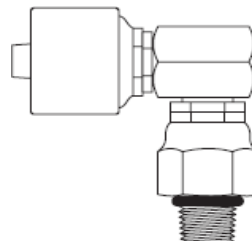
90 Degree Compact R1/R2 Hose

BSPP Female Swivel 90 Degree Compact to R1/R2 Hose



B02170404-1P	1/4 Tail x 1/4 BSPPFS 90° Compact
B02170606-1P	3/8 Tail x 3/8 BSPPFS 90° Compact
B02170608-1P	3/8 Tail x 1/2 BSPPFS 90° Compact
B02170808-1P	1/2 Tail x 1/2 BSPPFS 90° Compact
B02171010-1P	5/8 Tail x 5/8 BSPPFS 90° Compact
B02171212-1P	3/4 Tail x 3/4 BSPPFS 90° Compact
B02171616-1P	1 Tail x 1 BSPPFS 90° Compact

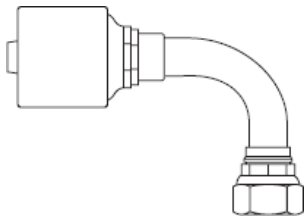
UNO Male Live Swivel 90 Degree Compact to R1/R2 Hose



B02570812-1P	1/2 Tail x 3/4 UNO Male Live Swivel 90° Compact
B02570814-1P	1/2 Tail x 7/8 UNO Male Live Swivel 90° Compact

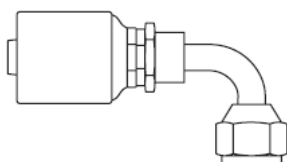
90 Degree Swept **R1/R2 Hose**

BSPP Female Swivel 90 Swept to R1/R2 Hose



G02170404-1P	1/4 Tail x 1/4 BSPPFS 90°
G02170406-1P	1/4 Tail x 3/8 BSPPFS 90°
G02170606-1P	3/8 Tail x 3/8 BSPPFS 90°
G02170608-1P	3/8 Tail x 1/2 BSPPFS 90°
G02170808-1P	1/2 Tail x 1/2 BSPPFS 90°
G02170810-1P	1/2 Tail x 5/8 BSPPFS 90°
G02171010-1P	5/8 Tail x 5/8 BSPPFS 90°
G02171012-1P	5/8 Tail x 3/4 BSPPFS 90°
G02171212-1P	3/4 Tail x 3/4 BSPPFS 90°
G02171216-1P	3/4 Tail x 1 BSPPFS 90°
G02171616-1P	1 Tail x 1 BSPPFS 90°
G02172020-1P	1-1/4 Tail x 1-1/4 BSPPFS 90°

JIC Female Swivel 90 Swept to R1/R2 Hose

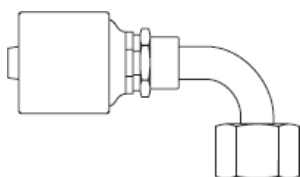


G02530407-1P	1/4 Tail x 7/16 JICFS 90°
G02530407M-1P	1/4 Tail x 7/16 JICFS 90° Medium
G02530407L-1P	1/4 Tail x 7/16 JICFS 90° Long
G02530408-1P	1/4 Tail x 1/2 JICFS 90°
G02530408M-1P	1/4 Tail x 1/2 JICFS 90° Medium
G02530409-1P	1/4 Tail x 9/16 JICFS 90°
G02530409M-1P	1/4 Tail x 9/16 JICFS 90° Medium
G02530409L-1P	1/4 Tail x 9/16 JICFS 90° Long
G02530609-1P	3/8 Tail x 9/16 JICFS 90°
G02530609M-1P	3/8 Tail x 9/16 JICFS 90° Medium
G02530609L-1P	3/8 Tail x 9/16 JICFS 90° Long
G02530612-1P	3/8 Tail x 3/4 JICFS 90°

JIC Female Swivel 90 Swept to R1/R2 Hose (cont'd)

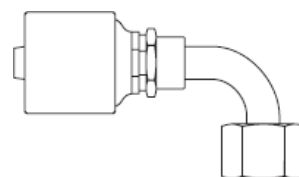
G02530612M-1P	3/8 Tail x 3/4 JICFS 90° Medium
G02530612L-1P	3/8 Tail x 3/4 JICFS 90° Long
G02530614-1P	3/8 Tail x 7/8 JICFS 90°
G02530812-1P	1/2 Tail x 3/4 JICFS 90°
G02530812M-1P	1/2 Tail x 3/4 JICFS 90° Medium
G02530812L-1P	1/2 Tail x 3/4 JICFS 90° Long
G02530814-1P	1/2 Tail x 7/8 JICFS 90°
G02530814M-1P	1/2 Tail x 7/8 JICFS 90° Medium
G02530814L-1P	1/2 Tail x 7/8 JICFS 90° Long
G02530817-1P	1/2 Tail x 1-1/16 JICFS 90°
G02531014-1P	5/8 Tail x 7/8 JICFS 90°
G02531014M-1P	5/8 Tail x 7/8 JICFS 90° Medium
G02531014L-1P	5/8 Tail x 7/8 JICFS 90° Long
G02531017-1P	5/8 Tail x 1-1/16 JICFS 90°
G02531017L-1P	5/8 Tail x 1-1/16 JICFS 90° Long
G02531214-1P	3/4 Tail x 7/8 JICFS 90°
G02531217-1P	3/4 Tail x 1-1/16 JICFS 90°
G02531217M-1P	3/4 Tail x 1-1/16 JICFS 90° Medium
G02531217L-1P	3/4 Tail x 1-1/16 JICFS 90° Long
G02531219-1P	3/4 Tail x 1-3/16 JICFS 90°
G02531221-1P	3/4 Tail x 1-5/16 JICFS 90°
G02531617-1P	1 Tail x 1-1/16 JICFS 90°
G02531621-1P	1 Tail x 1-5/16 JICFS 90°
G02531621M-1P	1 Tail x 1-5/16 JICFS 90° Medium
G02531621L-1P	1 Tail x 1-5/16 JICFS 90° Long
G02531626-1P	1 Tail x 1-5/8 JICFS 90°
G02532026-1P	1-1/4 Tail x 1-5/8 JICFS 90°
G02532026M-1P	1-1/4 Tail x 1-5/8 JICFS 90° Medium
G02532026L-1P	1-1/4 Tail x 1-5/8 JICFS 90° Long

Metric Heavy Female Swivel 90 Swept to R1/R2 Hose



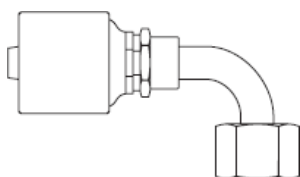
G02690414-1P	1/4 Tail x M14 Heavy 90°
G02690416-1P	1/4 Tail x M16 Heavy 90°
G02690418-1P	1/4 Tail x M18 Heavy 90°
G02690520-1P	5/16 Tail x M20 Heavy 90°
G02690618-1P	3/8 Tail x M18 Heavy 90°
G02690620-1P	3/8 Tail x M20 Heavy 90°
G02690622-1P	3/8 Tail x M22 Heavy 90°
G02690822-1P	1/2 Tail x M22 Heavy 90°
G02690824-1P	1/2 Tail x M24 Heavy 90°
G02691030-1P	5/8 Tail x M30 Heavy 90°
G02691230-1P	3/4 Tail x M30 Heavy 90°
G02691236-1P	3/4 Tail x M36 Heavy 90°
G02691636-1P	1 Tail x M36 Heavy 90°
G02691642-1P	1 Tail x M42 Heavy 90°

Metric Light Female Swivel 90 Swept to R1/R2 Hose



G02670412-1P	1/4 Tail x M12 Light 90°
G02670414-1P	1/4 Tail x M14 Light 90°
G02670416-1P	1/4 Tail x M16 Light 90°
G02670418-1P	1/4 Tail x M18 Light 90°
G02670516-1P	5/16 Tail x M16 Light 90°
G02670518-1P	5/16 Tail x M18 Light 90°
G02670616-1P	3/8 Tail x M16 Light 90°
G02670618-1P	3/8 Tail x M18 Light 90°
G02670622-1P	3/8 Tail x M22 Light 90°
G02670818-1P	1/2 Tail x M18 Light 90°
G02670822-1P	1/2 Tail x M22 Light 90°
G02670826-1P	1/2 Tail x M26 Light 90°
G02671026-1P	5/8 Tail x M26 Light 90°
G02671226-1P	3/4 Tail x M26 Light 90°
G02671230-1P	3/4 Tail x M30 Light 90°
G02671636-1P	1 Tail x M36 Light 90°
G02672045-1P	1-1/4 Tail x M45 Light 90°

ORFS Female Swivel 90 Degree Swept to R1/R2 Hose

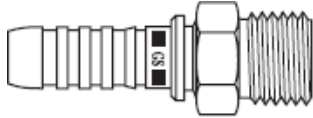


G02890409-1P	1/4 Tail x 9/16 ORFS 90°
G02890409M-1P	1/4 Tail x 9/16 ORFS 90° Medium
G02890409L-1P	1/4 Tail x 9/16 ORFS 90° Long
G02890411-1P	1/4 Tail x 11/16 ORFS 90°
G02890411M-1P	1/4 Tail x 11/16 ORFS 90° Medium
G02890411L-1P	1/4 Tail x 11/16 ORFS 90° Long
G02890413-1P	1/4 Tail x 13/16 ORFS 90°
G02890413L-1P	1/4 Tail x 13/16 ORFS 90° Long
G02890611-1P	3/8 Tail x 11/16 ORFS 90°
G02890611M-1P	3/8 Tail x 11/16 ORFS 90° Medium
G02890611L-1P	3/8 Tail x 11/16 ORFS 90° Long
G02890613-1P	3/8 Tail x 13/16 ORFS 90°
G02890613M-1P	3/8 Tail x 13/16 ORFS 90° Medium
G02890613L-1P	3/8 Tail x 13/16 ORFS 90° Long
G02890811-1P	1/2 Tail x 11/16 ORFS 90°
G02890813-1P	1/2 Tail x 13/16 ORFS 90°
G02890813M-1P	1/2 Tail x 13/16 ORFS 90° Medium
G02890813L-1P	1/2 Tail x 13/16 ORFS 90° Long
G02890816-1P	1/2 Tail x 1 ORFS 90°
G02890816M-1P	1/2 Tail x 1 ORFS 90° Medium
G02890816L-1P	1/2 Tail x 1 ORFS 90° Long
G02890819-1P	1/2 Tail x 1-3/16 ORFS 90°
G02891016-1P	5/8 Tail x 1 ORFS 90°
G02890116M-1P	5/8 Tail x 1 ORFS 90° Medium
G02891016L-1P	5/8 Tail x 1 ORFS 90° Long
G02891019-1P	5/8 Tail x 1-3/16 ORFS 90°
G02891216-1P	3/4 Tail x 1 ORFS 90°
G02891219-1P	3/4 Tail x 1-3/16 ORFS 90°
G02891219M-1P	3/4 Tail x 1-3/16 ORFS 90° Medium
G02891219L-1P	3/4 Tail x 1-3/16 ORFS 90° Long
G02891223-1P	3/4 Tail x 1-7/16 ORFS 90°
G02891623-1P	1 Tail x 1-7/16 ORFS 90°
G02891623M-1P	1 Tail x 1-7/16 ORFS 90° Medium
G02891623L-1P	1 Tail x 1-7/16 ORFS 90° Long
G02892027-1P	1-1/4 Tail x 1-11/16 ORFS 90°
G02892027M-1P	1-1/4 Tail x 1-11/16 ORFS 90° Medium
G02892027L-1P	1-1/4 Tail x 1-11/16 ORFS 90° Long



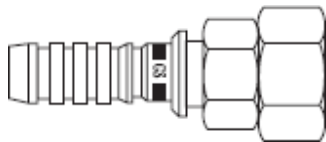
Straight **Multi Spiral Hose**

BSPP Male to Multi Spiral Hose (-8 to -20 Two Piece)



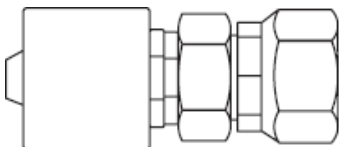
A04100808G	1/2 Tail x 1/2 BSPPM Multispiral
A04101212G	3/4 Tail x 3/4 BSPPM Multispiral
A04101216G	3/4 Tail x 1 BSPPM Multispiral
A04101616G	1 Tail x 1 BSPPM Multispiral
A04102020G	1-1/4 Tail x 1-1/4 BSPPM Multispiral

BSPP Female Swivel to Multi Spiral Hose (-8 to -20 Two Piece)



A04170606G	3/8 Tail x 3/8 BSPFS Multispiral
A04170608G	3/8 Tail x 1/2 BSPFS Multispiral
A04170808G	1/2 Tail x 1/2 BSPFS Multispiral
A04170812G	1/2 Tail x 3/4 BSPFS Multispiral
A04171010G	5/8 Tail x 5/8 BSPFS Multispiral
A04171012G	5/8 Tail x 3/4 BSPFS Multispiral
A04171212G	3/4 Tail x 3/4 BSPFS Multispiral
A04171216G	3/4 Tail x 1 BSPFS Multispiral
A04171616G	1 Tail x 1 BSPFS Multispiral
A04171620G	1 Tail x 1-1/4 BSPFS Multispiral
A04172020G	1-1/4 Tail x 1-1/4 BSPFS Multispiral

BSPP Female Swivel to Multi Spiral Hose (-24 to -32 One Piece)



A04172424-1P-G	1-1/2 Tail x 1-1/2 BSPFS Multispiral
A04173232-1P-G	2 Tail x 2 BSPFS Multispiral

Caterpillar Flange to Multi Spiral Hose (-12 to -20 Two Piece)



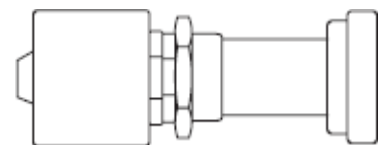
A04CAT1212G	3/4 Tail x 3/4 CAT Flange Multispiral
A04CAT1616G	1 Tail x 1 CAT Flange Multispiral
A04CAT2020G	1-1/4 Tail x 1-1/4 CAT Flange Multispiral

SAE Code 61 Flange to Multi Spiral Hose (-8 to -20 Two Piece)



A04380808G	1/2 Tail x 1/2 C61 Flange Multispiral
A04380812G	1/2 Tail x 3/4 C61 Flange Multispiral
A04380816G	1/2 Tail x 1 C61 Flange Multispiral
A04381012G	5/8 Tail x 3/4 C61 Flange Multispiral
A04381212G	3/4 Tail x 3/4 C61 Flange Multispiral
A04381216G	3/4 Tail x 1 C61 Flange Multispiral
A04381220G	3/4 Tail x 1-1/4 C61 Flange Multispiral
A04381616G	1 Tail x 1 C61 Flange Multispiral
A04381620G	1 Tail x 1-1/4 C61 Flange Multispiral
A04381624G	1 Tail x 1-1/2 C61 Flange Multispiral
A04382016G	1-1/4 Tail x 1 C61 Flange Multispiral
A04382020G	1-1/4 Tail x 1-1/4 C61 Flange Multispiral
A04382024G	1-1/4 Tail x 1-1/2 C61 Flange Multispiral
A04382032G	1-1/4 Tail x 2 C61 Flange Multispiral

SAE Code 61 Flange to Multi Spiral Hose (-24 to -32 One Piece)



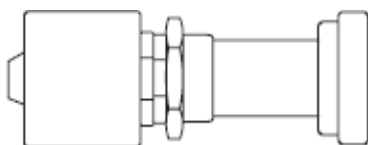
A04382424-1P-G	1-1/2 Tail x 1-1/2 C61 Flange Multispiral
A04382432-1P-G	1-1/2 Tail x 2 C61 Flange Multispiral
A04383232-1P-G	2 Tail x 2 C61 Flange Multispiral

SAE Code 62 Flange to Multi Spiral Hose (-8 to -20 Two Piece)



A04390808G	1/2 Tail x 1/2 C62 Flange Multispiral
A04390812G	1/2 Tail x 3/4 C62 Flange Multispiral
A04391212G	3/4 Tail x 3/4 C62 Flange Multispiral
A04391216G	3/4 Tail x 1 C62 Flange Multispiral
A04391616G	1 Tail x 1 C62 Flange Multispiral
A04391620G	1 Tail x 1-1/4 C62 Flange Multispiral
A04392016G	1-1/4 Tail x 1 C62 Flange Multispiral
A04392020G	1-1/4 Tail x 1-1/4 C62 Flange Multispiral
A04392024G	1-1/4 Tail x 1-1/2 C62 Flange Multispiral

SAE Code 62 Flange to Multi Spiral Hose (-24 to -32 One Piece)



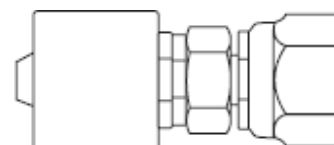
A04392420-1P-G	1-1/2 Tail x 1-1/4 C62 Flange Multispiral
A04392424-1P-G	1-1/2 Tail x 1-1/2 C62 Flange Multispiral
A04392432-1P-G	1-1/2 Tail x 2 C62 Flange Multispiral
A04393224-1P-G	2 Tail x 1-1/2 C62 Flange Multispiral
A04393232-1P-G	2 Tail x 2 C62 Flange Multispiral

JIC Female Swivel to Multi Spiral Hose (-8 to -20 Two Piece)



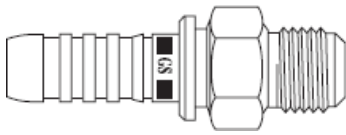
A04530609G	3/8 Tail x 9/16 JICFS Multispiral
A04530612G	3/8 Tail x 3/4 JICFS Multispiral
A04530812G	1/2 Tail x 3/4 JICFS Multispiral
A04530814G	1/2 Tail x 7/8 JICFS Multispiral
A04530817G	1/2 Tail x 1-1/16 JICFS Multispiral
A04531014G	5/8 Tail x 7/8 JICFS Multispiral
A04531017G	5/8 Tail x 1-1/16 JICFS Multispiral
A04531214G	3/4 Tail x 7/8 JICFS Multispiral
A04531217G	3/4 Tail x 1-1/16 JICFS Multispiral
A04531219G	3/4 Tail x 1-3/16 JICFS Multispiral
A04531221G	3/4 Tail x 1-5/16 JICFS Multispiral
A04531617G	1 Tail x 1-1/16 JICFS Multispiral
A04531621G	1 Tail x 1-5/16 JICFS Multispiral
A04531626G	1 Tail x 1-5/8 JICFS Multispiral
A04532021G	1-1/4 Tail x 1-5/16 JICFS Multispiral
A04532026G	1-1/4 Tail x 1-5/8 JICFS Multispiral
A04532030G	1-1/4 Tail x 1-7/8 JICFS Multispiral

JIC Female Swivel to Multi Spiral Hose (-24 to -32 One Piece)



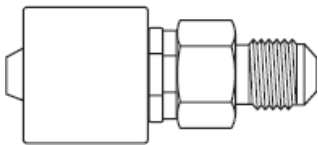
A04532430-1P-G	1-1/2 Tail x 1-7/8 JICFS Multispiral
A04533240-1P-G	2 Tail x 2-1/2 JICFS Multispiral

JIC Male to Multi Spiral Hose (-8 to -20 Two Piece)



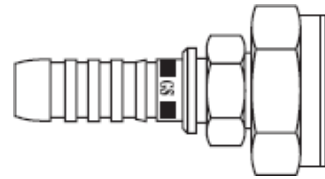
A04500812G	1/2 Tail x 3/4 JICM Multispiral
A04500814G	1/2 Tail x 7/8 JICM Multispiral
A04501014G	5/8 Tail x 7/8 JICM Multispiral
A04501017G	5/8 Tail x 1-1/16 JICM Multispiral
A04501217G	3/4 Tail x 1-1/16 JICM Multispiral
A04501219G	3/4 Tail x 1-3/16 JICM Multispiral
A04501221G	3/4 Tail x 1-5/16 JICM Multispiral
A04501621G	1 Tail x 1-5/16 JICM Multispiral
A04501626G	1 Tail x 1-5/8 JICM Multispiral
A04502026G	1-1/4 Tail x 1-5/8 JICM Multispiral

JIC Male to Multi Spiral Hose (-24 to -32 One Piece)



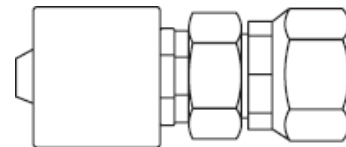
A04502430-1P-G	1-1/2 Tail x 1-7/8 JICM Multispiral
A04503240-1P-G	2 Tail x 2-1/2 JICM Multispiral

Metric Heavy Female to Multi Spiral Hose (-8 to -20 Two Piece)



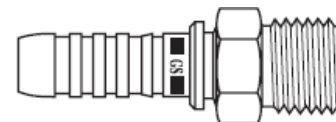
A04690824G	1/2 Tail x M24 Heavy Female Multispiral
A04691030G	5/8 Tail x M30 Heavy Female Multispiral
A04691230G	3/4 Tail x M30 Heavy Female Multispiral
A04691236G	3/4 Tail x M36 Heavy Female Multispiral
A04691636G	1 Tail x M36 Heavy Female Multispiral
A04691642G	1 Tail x M42 Heavy Female Multispiral
A04692052G	1-1/4 Tail x M52 Heavy Female Multispiral

Metric Heavy Female to Multi Spiral Hose (-24 One Piece)



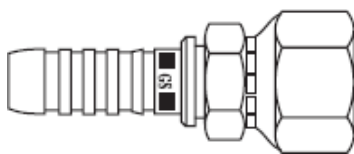
A04692452-1P-G	1-1/2 Tail x M52 Heavy Female Multispiral
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Metric Heavy Male to Multi Spiral Hose (-8 to -20 Two Piece)



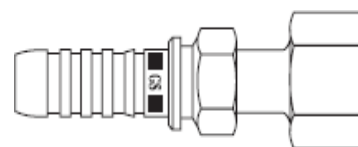
A04680824G	1/2 Tail x M24 Heavy Male Multispiral
A04681030G	5/8 Tail x M30 Heavy Male Multispiral
A04681230G	3/4 Tail x M30 Heavy Male Multispiral
A04681236G	3/4 Tail x M36 Heavy Male Multispiral
A04681636G	1 Tail x M36 Heavy Male Multispiral
A04681642G	1 Tail x M42 Heavy Male Multispiral
A04682052G	1-1/4 Tail x M52 Heavy Male Multispiral

Metric Light Female to Multi Spiral Hose (-8 to -20 Two Piece)



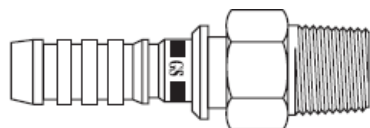
A04670822G	1/2 Tail x M22 Light Female Multispiral
A04671026G	5/8 Tail x M26 Light Female Multispiral
A04671230G	3/4 Tail x M30 Light Female Multispiral
A04671236G	3/4 Tail x M36 Light Female Multispiral
A04671636G	1 Tail x M36 Light Female Multispiral
A04672045G	1-1/4 Tail x M45 Light Female Multispiral

ORFS Female Swivel to Multi Spiral Hose (-8 to -20 Two Piece)



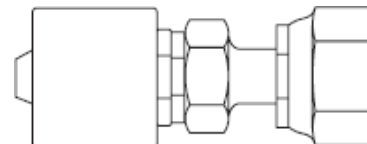
A04890813G	1/2 Tail x 13/16 ORFS Multispiral
A04890816G	1/2 Tail x 1 ORFS Multispiral
A04891016G	1 Tail x 1 ORFS Multispiral
A04891019G	1 Tail x 1-3/16 ORFS Multispiral
A04891216G	3/4 Tail x 1 ORFS Multispiral
A04891219G	3/4 Tail x 1-3/16 ORFS Multispiral
A04891223G	3/4 Tail x 1-7/16 ORFS Multispiral
A04891619G	1 Tail x 1-3/16 ORFS Multispiral
A04891623G	1 Tail x 1-7/16 ORFS Multispiral
A04891627G	1 Tail x 1-11/16 ORFS Multispiral
A04892027G	1-1/4 Tail x 1-11/16 ORFS Multispiral
A04892032G	1-1/4 Tail x 2 ORFS Multispiral

NPT Male to Multi Spiral Hose (-12 to -20 Two Piece)



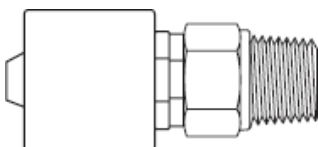
A04340808G	1/2 Tail x 1/2 NPTM Multispiral
A04341212G	3/4 Tail x 3/4 NPTM Multispiral
A04341616G	1 Tail x 1 NPTM Multispiral
A04342020G	1-1/4 Tail x 1-1/4 NPTM Multispiral

ORFS Female Swivel to Multi Spiral Hose (-24 One Piece)



A04892432-1P-G	1-1/2 Tail x 2 ORFS Multispiral
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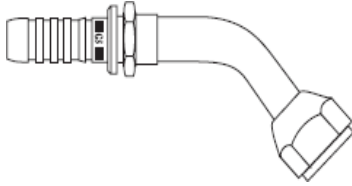
NPT Male to Multi Spiral Hose (-24 to -32 One Piece)



A04342424-1P-G	1-1/2 Tail x 1-1/2 NPTM Multispiral
A04343232-1P-G	2 Tail x 2 NPTM Multispiral

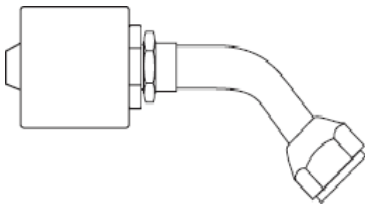
45 Degree Swept **Multi Spiral Hose**

BSPF Female Swivel 45 Swept to Multi Spiral Hose (-8 to -20 Two Piece)



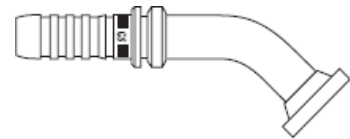
J04170808G	1/2 Tail x 1/2 BSPFS 45°
J04171010G	5/8 Tail x 5/8 BSPFS 45°
J04171212G	3/4 Tail x 3/4 BSPFS 45°
J04171616G	1 Tail x 1 BSPFS 45°
J04172020G	1-1/4 Tail x 1-1/4 BSPFS 45°

BSPF Female Swivel 45 Swept to Multi Spiral Hose (-24 to -32 One Piece)



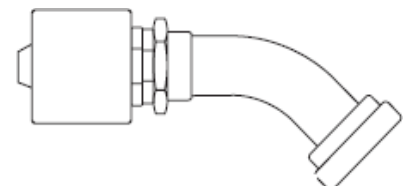
J04172424-1P-G	1-1/2 Tail x 1-1/2 BSPFS 45°
J04173232-1P-G	2 Tail x 2 BSPFS 45°

SAE Code 61 Flange 45 Degree Swept to Multi Spiral Hose (-8 to -20 Two Piece)



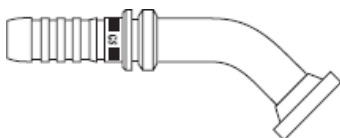
J04380808G	1/2 Tail x 1/2 C61 Flange 45°
J04380812G	1/2 Tail x 3/4 C61 Flange 45°
J04381012G	5/8 Tail x 3/4 C61 Flange 45°
J04381212G	3/4 Tail x 3/4 C61 Flange 45°
J04381216G	3/4 Tail x 1 C61 Flange 45°
J04381616G	1 Tail x 1 C61 Flange 45°
J04381620G	1 Tail x 1-1/4 C61 Flange 45°
J04382016G	1-1/4 Tail x 1 C61 Flange 45°
J04382020G	1-1/4 Tail x 1-1/4 C61 Flange 45°
J04382024G	1-1/4 Tail x 1-1/2 C61 Flange 45°

SAE Code 61 Flange 45 Degree Swept to Multi Spiral Hose (-24 to -32 One Piece)



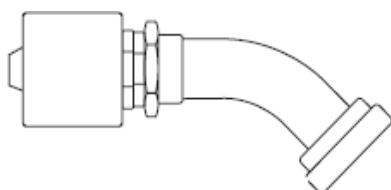
J04382424-1P-G	1-1/2 Tail x 1-1/2 C61 Flange 45°
J04382432-1P-G	1-1/2 Tail x 2 C61 Flange 45°
J04383232-1P-G	2 Tail x 2 C61 Flange 45°

SAE Code 62 Flange 45 Degree Swept to Multi Spiral Hose (-8 to -20 Two Piece)



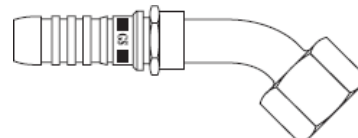
J04390808G	1/2 Tail x 1/2 C62 Flange 45°
J04390812G	1/2 Tail x 3/4 C62 Flange 45°
J04391012G	5/8 Tail x 3/4 C62 Flange 45°
J04391212G	3/4 Tail x 3/4 C62 Flange 45°
J04391216G	3/4 Tail x 1 C62 Flange 45°
J04391612G	1 Tail x 3/4 C62 Flange 45°
J04391616G	1 Tail x 1 C62 Flange 45°
J04391620G	1 Tail x 1-1/4 C62 Flange 45°
J04392016G	1-1/4 Tail x 1 C62 Flange 45°
J04392020G	1-1/4 Tail x 1-1/4 C62 Flange 45°
J04392024G	1-1/4 Tail x 1-1/2 C62 Flange 45°

SAE Code 62 Flange 45 Degree Swept to Multi Spiral Hose (-24 to -32 One Piece)



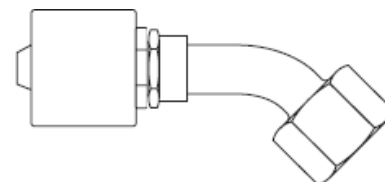
J04392424-1P-G	1-1/2 Tail x 1-1/2 C62 Flange 45°
J04392432-1P-G	1-1/2 Tail x 2 C62 Flange 45°
J04393232-1P-G	2 Tail x 2 C62 Flange 45°

JIC Female Swivel 45 Degree Swept to Multi Spiral Hose (-8 to -20 Two Piece)



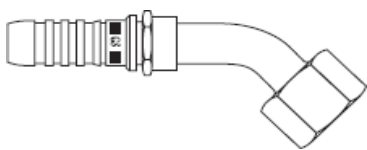
J04530812G	1/2 Tail x 3/4 JICFS 45°
J04530814G	1/2 Tail x 7/8 JICFS 45°
J04531014G	5/8 Tail x 7/8 JICFS 45°
J04531017G	5/8 Tail x 1-1/16 JICFS 45°
J04531217G	3/4 Tail x 1-1/16 JICFS 45°
J04531221G	3/4 Tail x 1-5/16 JICFS 45°
J04531621G	1 Tail x 1-5/16 JICFS 45°
J04531626G	1 Tail x 1-5/8 JICFS 45°
J04532026G	1-1/4 Tail x 1-5/8 JICFS 45°

JIC Female Swivel 45 Degree Swept to Multi Spiral Hose (-24 One Piece)



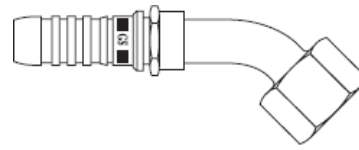
J04532430-1P-G	1-1/2 Tail x 1-7/8 JICFS 45°
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Metric Heavy Female 45 Degree Swept to Multi Spiral Hose (-8 to -20 Two Piece)



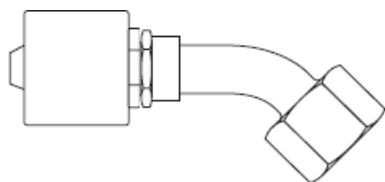
J04690824G	1/2 Tail x M24 Heavy Female 45°
J04691030G	5/8 Tail x M30 Heavy Female 45°
J04691230G	3/4 Tail x M30 Heavy Female 45°
J04691236G	3/4 Tail x M36 Heavy Female 45°
J04691636G	1 Tail x M36 Heavy Female 45°
J04691642G	1 Tail x M42 Heavy Female 45°
J04692052G	1-1/4 Tail x M52 Heavy Female 45°

ORFS Female Swivel 45 Degree Swept to Multi Spiral Hose (-8 to -20 Two Piece)



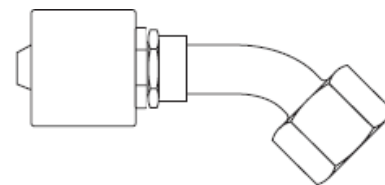
J04890813G	1/2 Tail x 13/16 ORFS 45°
J04890816G	1/2 Tail x 1 ORFS 45°
J04891016G	5/8 Tail x 1 ORFS 45°
J04891219G	3/4 Tail x 1-3/16 ORFS 45°
J04891223G	3/4 Tail x 1-7/16 ORFS 45°
J04891623G	1 Tail x 1-7/16 ORFS 45°
J04891627G	1 Tail x 1-11/16 ORFS 45°
J04892027G	1-1/4 Tail x 1-11/16 ORFS 45°

Metric Heavy Female 45 Degree Swept to Multi Spiral Hose (-24 One Piece)



J04692451P-G	1-1/2 Tail x M52 Heavy Female 45°
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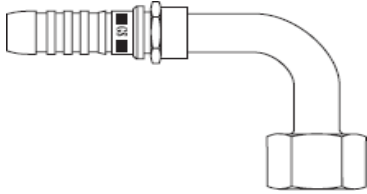
ORFS Female Swivel 45 Degree Swept to Multi Spiral Hose (-24 One Piece)



J04892432-1P-G	1-1/2" Tail x 2" ORFS 45°
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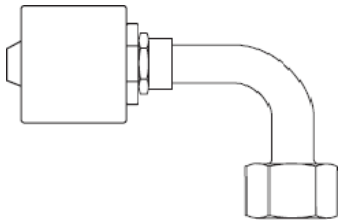
90 Degree Swept Multi Spiral Hose

BSPF Female Swivel 90 Swept to Multi Spiral Hose (-8 to -20 Two Piece)



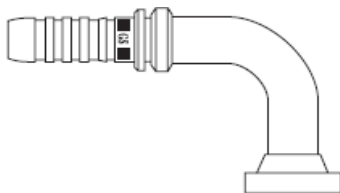
G04170808G	1/2 Tail x 1/2 BSPFS 90°
G04171212G	3/4 Tail x 3/4 BSPFS 90°
G04171616G	1 Tail x 1 BSPFS 90°
G04172020G	1-1/4 Tail x 1-1/4 BSPFS 90°

BSPF Female Swivel 90 Swept to Multi Spiral Hose (-24 to -32 One Piece)



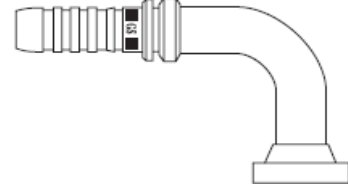
G04172424-1P-G	1-1/2 Tail x 1-1/2 BSPFS 90°
G04173232-1P-G	2 Tail x 2 BSPFS 90°

Caterpillar Flange 90 Degree Swept to Multi Spiral Hose (-8 to -20 Two Piece)



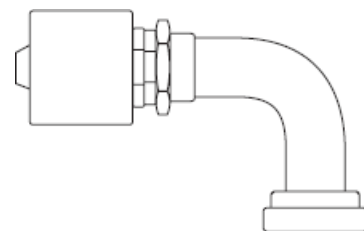
G04CAT1212G	3/4 Tail x 3/4 CAT Flange 90°
G04CAT1216G	3/4 Tail x 1 CAT Flange 90°
G04CAT1616G	1 Tail x 1 CAT Flange 90°
G04CAT1620G	1 Tail x 1-1/4 CAT Flange 90°
G04CAT2020G	1-1/4 Tail x 1-1/4 CAT Flange 90°
G04CAT2024G	1-1/4 Tail x 1-1/2 CAT Flange 90°

SAE Code 61 Flange 90 Degree Swept to Multi Spiral Hose (-8 to -20 Two Piece)



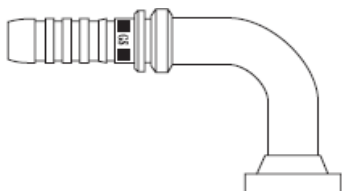
G04380808G	1/2 Tail x 1/2 C61 Flange 90°
G04380812G	1/2 Tail x 3/4 C61 Flange 90°
G04381212G	3/4 Tail x 3/4 C61 Flange 90°
G04381216G	3/4 Tail x 1 C61 Flange 90°
G04381220G	3/4 Tail x 1-1/4 C61 Flange 90°
G04381616G	1 Tail x 1 C61 Flange 90°
G04381616MG	1 Tail x 1 C61 Flange 90°
G04381616LG	1 Tail x 1 C61 Flange 90° Long
G04381620G	1 Tail x 1-1/4 C61 Flange 90°
G04381624G	1 Tail x 1-1/2 C61 Flange 90°
G04382020G	1-1/4 Tail x 1-1/4 C61 Flange 90°
G04382020MG	1-1/4 Tail x 1-1/4 C61 Flange 90° Medium
G04382020LG	1-1/4 Tail x 1-1/4 C61 Flange 90° Long
G04382024G	1-1/4 Tail x 1-1/2 C61 Flange 90°

SAE Code 61 Flange 90 Degree Swept to Multi Spiral Hose (-24 to -32 One Piece)



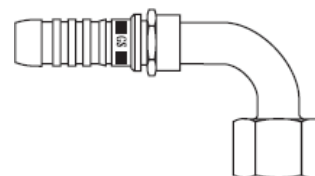
G04382424-1P-G	1-1/2 Tail x 1-1/2 C61 Flange 90°
G04383232-1P-G	2 Tail x 2 C61 Flange 90°

SAE Code 62 Flange 90 Degree Swept to Multi Spiral Hose (-8 to -20 Two Piece)



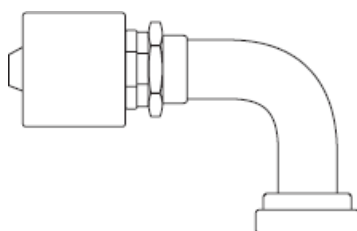
G04391212G	3/4 Tail x 3/4 C62 Flange 90°
G04391212LG	3/4 Tail x 3/4 C62 Flange 90° Long
G04391216G	3/4 Tail x 1 C62 Flange 90°
G04391612G	1 Tail x 3/4 C62 Flange 90°
G04391616G	1 Tail x 1 C62 Flange 90°
G04391616LG	1 Tail x 1 C62 Flange 90° Long
G04391620G	1 Tail x 1-1/4 C62 Flange 90°
G04391624G	1 Tail x 1-1/2 C62 Flange 90°
G04392016G	1-1/4 Tail x 1 C62 Flange 90°
G04392020G	1-1/4 Tail x 1-1/4 C62 Flange 90°
G04392020LG	1-1/4 Tail x 1-1/4 C62 Flange 90° Long
G04392024G	1-1/4 Tail x 1-1/2 C62 Flange 90°

JIC Female Swivel 90 Degree Swept to Multi Spiral Hose (-8 to -20 Two Piece)



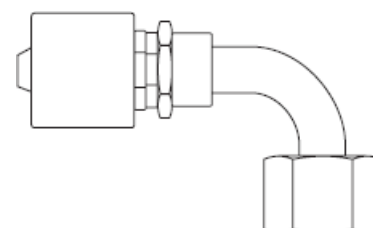
G04530812G	1/2 Tail x 3/4 JICFS 90°
G04530814G	1/2 Tail x 7/8 JICFS 90°
G04530817G	1/2 Tail x 1-1/16 JICFS 90°
G04531014G	5/8 Tail x 7/8 JICFS 90°
G0453014MG	5/8 Tail x 7/8 JICFS 90° Medium
G04531017G	5/8 Tail x 1-1/16 JICFS 90°
G04531217G	3/4 Tail x 1-1/16 JICFS 90°
G04531217MG	3/4 Tail x 1-1/16 JICFS 90° Medium
G04531217LG	3/4 Tail x 1-1/16 JICFS 90° Long
G04531221G	3/4 Tail x 1-5/16 JICFS 90°
G04531621G	1 Tail x 1-5/16 JICFS 90°
G04531621MG	1 Tail x 1-5/16 JICFS 90° Medium
G04531621LG	1 Tail x 1-5/16 JICFS 90° Long
G04532026G	1-1/4 Tail x 1-5/8 JICFS 90°
G04532026MG	1-1/4 Tail x 1-5/8 JICFS 90° Medium
G04532026LG	1-1/4 Tail x 1-5/8 JICFS 90° Long

SAE Code 62 Flange 90 Degree Swept to Multi Spiral Hose (-24 to -32 One Piece)



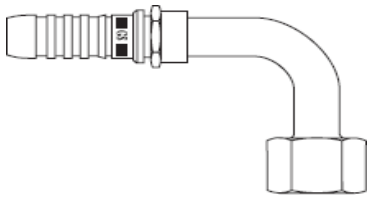
G04392424-1P-G	1-1/2 Tail x 1-1/2 C62 Flange 90°
G04532432-1P-G	1-1/2 Tail x 2 C62 Flange 90°
G04533232-1P-G	2 Tail x 2 C62 Flange 90°

JIC Female Swivel 90 Degree Swept to Multi Spiral Hose (-24 One Piece)



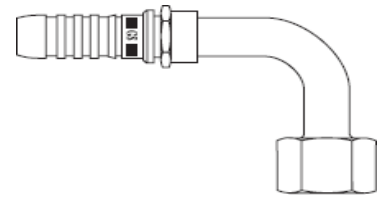
G04532430-1P-G	1-1/2 Tail x 1-7/8 JICFS 90°
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Metric Heavy Female 90 Degree Swept to Multi Spiral Hose (-8 to -20 Two Piece)



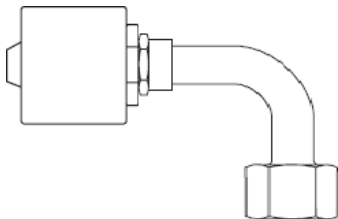
G04690824G	1/2 Tail x M24 Heavy Female 90°
G04691030G	5/8 Tail x M30 Heavy Female 90°
G04691230G	3/4 Tail x M30 Heavy Female 90°
G04691236G	3/4 Tail x M36 Heavy Female 90°
G04691636G	1 Tail x M36 Heavy Female 90°
G04691642G	1 Tail x M42 Heavy Female 90°
G04692052G	1-1/4 Tail x M52 Heavy Female 90°

Metric Light Female 90 Degree Swept to Multi Spiral Hose (-8 to -16 Two Piece)



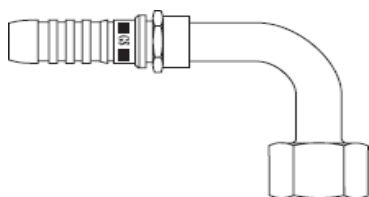
G04670822G	1/2 Tail x M22 Light Female 90°
G04671026G	5/8 Tail x M26 Light Female 90°
G04671230G	3/4 Tail x M30 Light Female 90°
G04671636G	1 Tail x M36 Light Female 90°

Metric Heavy Female 90 Degree Swept to Multi Spiral Hose (-24 One Piece)

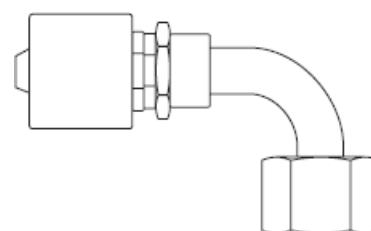


G04692452-1P-G	1-1/2 Tail x M52 Heavy Female 90°
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ORFS Female Swivel 90 Degree Swept to Multi Spiral Hose (-8 to -16 Two Piece)



ORFS Female Swivel 90 Degree Swept to Multi Spiral Hose (-24 One Piece)

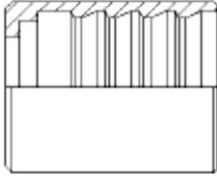


G04890813G	1/2 Tail x 13/16 ORFS 90°
G04890813MG	1/2 Tail x 13/16 ORFS 90° Medium
G04890816G	1/2 Tail x 1 ORFS 90°
G04890819G	1/2 Tail x 1-3/16 ORFS 90°
G04891016G	5/8 Tail x 1 ORFS 90°
G04891016MG	5/8 Tail x 1 ORFS 90° Medium
G04891016LG	5/8 Tail x 1 ORFS 90° Long
G04891019G	5/8 Tail x 1-3/16 ORFS 90°
G04891216G	3/4 Tail x 1 ORFS 90°
G04891219G	3/4 Tail x 1-3/16 ORFS 90°
G04891219MG	3/4 Tail x 1-3/16 ORFS 90° Medium
G04891219LG	3/4 Tail x 1-3/16 ORFS 90° Long
G04891223G	3/4 Tail x 1-7/16 ORFS 90°
G04891223MG	3/4 Tail x 1-7/16 ORFS 90° Medium
G04891223LG	3/4 Tail x 1-7/16 ORFS 90° Long
G04891623G	1 Tail x 1-7/16 ORFS 90°
G04891623MG	1 Tail x 1-7/16 ORFS 90° Medium
G04891623LG	1 Tail x 1-7/16 ORFS 90° Long
G04891627G	1 Tail x 1-11/16 ORFS 90°
G04891627MG	1 Tail x 1-11/16 ORFS 90° Medium
G4892027G	1-1/4 Tail x 1-11/16 ORFS 90°
G04892027MG	1-1/4 Tail x 1-11/16 ORFS 90° Medium
G04892027LG	1-1/4 Tail x 1-11/16 ORFS 90° Long

G04892432-1P-G	1-1/2 Tail x 2 ORFS 90°
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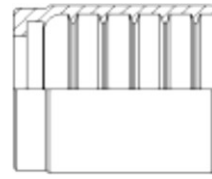
Ferrules

Ferrule for SAE 100R1AT / EN853 Hose



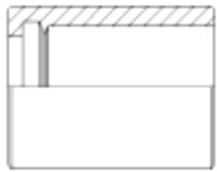
SN01-04	1/4 Swage Ferrule - R1T Hose
SN01-05	5/16 Swage Ferrule - R1T Hose
SN01-06	3/8 Swage Ferrule - R1T Hose
SN01-08	1/2 Swage Ferrule - R1T Hose
SN01-10	5/8 Swage Ferrule - R1T Hose
SN01-12	3/4 Swage Ferrule - R1T Hose
SN01-16	1 Swage Ferrule - R1T Hose
SN01-20	1-1/4 Swage Ferrule -R1T Hose
SN01-24	1-1/2 Swage Ferrule -R1T Hose
SN01-32	2 Swage Ferrule - R1T Hose

Ferrule for SAE R1AT & R2AT / EN853 Hose Dual Purpose



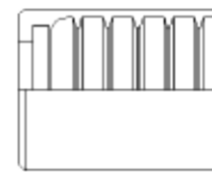
SN1/2-04	1/4 Swage Ferrule - Dual Purpose
SN1/2-05	5/16 Swage Ferrule - Dual Purpose
SN1/2-06	3/8 Swage Ferrule - Dual Purpose
SN1/2-08	1/2 Swage Ferrule - Dual Purpose
SN1/2-10	5/8 Swage Ferrule - Dual Purpose
SN1/2-12	3/4 Swage Ferrule - Dual Purpose
SN1/2-16	1 Swage Ferrule - Dual Purpose
SN1/2-20	1-1/4 Swage ferrule - Dual Purpose
SN1/2-24	1-1/2 Swage Ferrule - Dual Purpose
SN1/2-32	2 Swage Ferrule - Dual Purpose

Ferrule for SAE 100R14 Teflon Hose



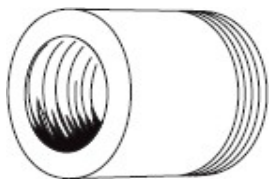
FR14-03	3/16 Teflon Ferrule
FR14-04	1/4 Teflon Ferrule
FR14-05	5/16 Teflon Ferrule
FR14-06	3/8 Teflon Ferrule
FR14-08	1/2 Teflon Ferrule
FR14-10	5/8 Teflon Ferrule
FR14-12	3/4 Teflon Ferrule
FR14-16	1 Teflon Ferrule

Ferrule for SAE 100R7 Hose



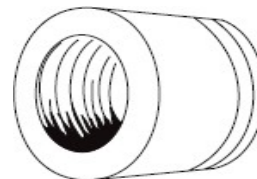
FR7/8-02	1/8 Swage Ferrule - R7 Hose
FR7/8-03	3/16 Swage Ferrule - R7 Hose
FR7/8-04	1/4 Swage Ferrule - R7 Hose
FR7/8-05	5/16 Swage Ferrule - R7 hose
FR7/8-06	3/8 Swage Ferrule - R7 Hose
FR7/8-08	1/2 Swage Ferrule - R7 Hose
FR7/8-10	5/8 Swage Ferrule - R7 Hose
FR7/8-12	3/4 Swage Ferrule - R7 Hose
FR7/8-16	1 Swage Ferrule - R7 Hose

Ferrule for EFG4K & EFG6K Multi Spiral Hose



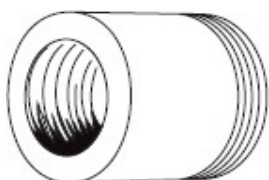
6GS1F-6	3/8 Swage Ferrule – EFG*K Gates Hose
8GS1F-8	1/2 Swage Ferrule – EFG*K Gates Hose
10GS1F-4	5/8 Swage Ferrule – EFG*K Gates Hose
12GS1F-4	3/4 Swage Ferrule – EFG*K Gates Hose
16GS1F-4	1 Swage Ferrule – EFG*K Gates Hose

Ferrule for G1, G2, & MXG4K-XTP Braided Hose



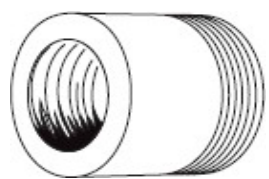
SNG2-10	5/8" Swage Ferrule - 10GS1F-2
SNG2-12	3/4" Swage Ferrule - 12GS1F-2
SNG2-16	1" Swage Ferrule - 16GS1F-2
SNG2-20	1-1/4" Swage Ferrule - 20GS1F-2
SNG2-24	1-1/2" Swage Ferrule - 24GSP1F-2
SNG2-32	2" Swage Ferrule - 32GSP1F-2

Ferrule for EFG4K -20 Multi Spiral Hose



20GS1F-4	1-1/4 Swage Ferrule – EFG4K Gates Hose
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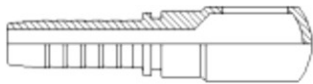
Ferrule for EFG6K -20 Multi Spiral Hose



20GS1F-6	1-1/4 Swage Ferrule – EFG6K Gates Hose
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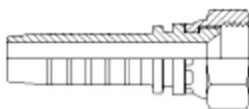
Two Piece Hosetails

BSP Banjo to R1/R2 Hose



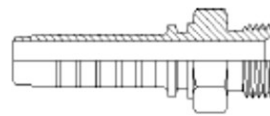
A02250404	1/4 Tail x 1/4 BSP Banjo
A02250604	3/8 Tail x 1/4 BSP Banjo
A02250606	3/8 Tail x 3/8 BSP Banjo
A02250806	1/2 Tail x 3/8 BSP Banjo
A02250808	1/2 Tail x 1/2 BSP Banjo
A02251010	5/8 Tail x 5/8 BSP Banjo
A02251212	3/4 Tail x 3/4 BSP Banjo
A02251616	1 Tail x 1 BSP Banjo

BSP Inverted Cone (JIS) Female to R1/R2 Hose



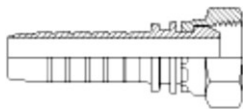
A02180404	1/4 Tail x 1/4 BSPSF-Inverted
A02180406	1/4 Tail x 3/8 BSPFS-Inverted
A02180606	3/8 Tail x 3/8 BSPFS-Inverted
A02180608	3/8 Tail x 1/2 BSPFS-Inverted
A02180808	1/2 Tail x 1/2 BSPFS-Inverted
A02181212	3/4 Tail x 3/4 BSPFS-Inverted
A02181616	1 Tail x 1 BSPFS-Inverted
A02182020	1-1/4 Tail x 1-1/4 BSPFS-Inverted
A02182424	1-1/2 Tail x 1-1/2 BSPFS-Inverted

BSPP Male to R1/R2 Hose



A02100404	1/4 Tail x 1/4 BSPPM
A02100406	1/4 Tail x 3/8 BSPPM
A02100506	5/16 Tail x 3/8 BSPPM
A02100604	3/8 Tail x 1/4 BSPPM
A02100606	3/8 Tail x 3/8 BSPPM
A02100608	3/8 Tail x 1/2 BSPPM
A02100806	1/2 Tail x 3/8 BSPPM
A02100808	1/2 Tail x 1/2 BSPPM
A02101010	5/8 Tail x 5/8 BSPPM
A02101012	5/8 Tail x 3/4 BSPPM
A02101212	3/4 Tail x 3/4 BSPPM
A02101216	3/4 Tail x 1 BSPPM
A02101612	1 Tail x 3/4 BSPPM
A02101616	1 Tail x 1 BSPPM
A02102020	1-1/4 Tail x 1-1/4 BSPPM

BSPP Female Swivel to R1/R2 Hose



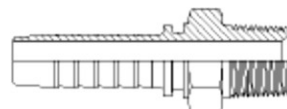
A02170302	3/16 Tail x 1/8 BSPFS
A02170304	3/16 Tail x 1/4 BSPFS
A02170402	1/4 Tail x 1/8 BSPFS
A02170404	1/4 Tail x 1/4 BSPFS
A02170406	1/4 Tail x 3/8 BSPFS
A02170506	5/16 Tail x 3/8 BSPFS
A02170604	3/8 Tail x 1/4 BSPFS
A02170606	3/8 Tail x 3/8 BSPFS
A02170608	3/8 Tail x 1/2 BSPFS
A02170806	1/2 Tail x 3/8 BSPFS
A02170808	1/2 Tail x 1/2 BSPFS
A02170810	1/2 Tail x 5/8 BSPFS
A02170812	1/2 Tail x 3/4 BSPFS
A02171008	5/8 Tail x 1/2 BSPFS
A02171010	5/8 Tail x 5/8 BSPFS
A02171012	5/8 Tail x 3/4 BSPFS
A02171212	3/4 Tail x 3/4 BSPFS
A02171216	3/4 Tail x 1 BSPFS
A02171616	1 Tail x 1 BSPFS
A02171620	1 Tail x 1-1/4 BSPFS
A02172020	1-1/4 Tail x 1-1/4 BSPFS
A02172424	1-1/2 Tail x 1-1/2 BSPFS
A02173232	2 Tail x 2 BSPFS

BSPT Male Live Swivel to R1/R2 Hose



STB-BSM-0404	1/4 Tail x 1/4 BSPTM Live Swivel
STB-BSM-0606	3/8 Tail x 3/8 BSPTM Live Swivel
STB-BSM-0808	1/2 Tail x 1/2 BSPTM Live Swivel

BSPT Male to R1/R2 Hose



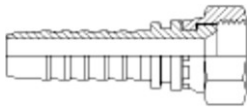
A02220402	1/4 Tail x 1/8 BSPTM
A02220404	1/4 Tail x 1/4 BSPTM
A02220406	1/4 Tail x 3/8 BSPTM
A02220506	5/16 Tail x 3/8 BSPTM
A02220604	3/8 Tail x 1/4 BSPTM
A02220606	3/8 Tail x 3/8 BSPTM
A02220608	3/8 Tail x 1/2 BSPTM
A02220806	1/2 Tail x 3/8 BSPTM
A02220808	1/2 Tail x 1/2 BSPTM
A02220812	1/2 Tail x 3/4 BSPTM
A02221008	5/8 Tail x 1/2 BSPTM
A02221010	5/8 Tail x 5/8 BSPTM
A02221012	5/8 Tail x 3/4 BSPTM
A02221208	3/4 Tail x 1/2 BSPTM
A02221212	3/4 Tail x 3/4 BSPTM
A02221216	3/4 Tail x 1 BSPTM
A02221612	1 Tail x 3/4 BSPTM
A02221616	1 Tail x 1 BSPTM
A02222020	1-1/4 Tail x 1-1/4 BSPTM
A02222424	1-1/2 Tail x 1-1/2 BSPTM
A02223232	2 Tail x 2 BSPTM

SAE Code 61 Flange to R1/R2 Hose



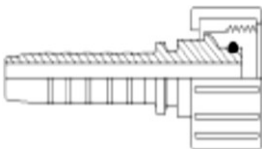
A02380808	1/2 Tail x 1/2 Code 61 Flange
A02380812	1/2 Tail x 3/4 Code 61 Flange
A02381212	3/4 Tail x 3/4 Code 61 Flange
A02381216	3/4 Tail x 1 Code 61 Flange
A02381616	1 Tail x 1 Code 61 Flange
A02381620	1 Tail x 1-1/4 Code 61 Flange
A02382016	1-1/4 Tail x 1 Code 61 Flange
A02382020	1-1/4 Tail x 1-1/4 Code 61 Flange
A02382024	1-1/4 Tail x 1-1/2 Code 61 Flange
A02382424	1-1/2 Tail x 1-1/2 Code 61 Flange
A02382432	1-1/2 Tail x 2 Code 61 Flange
A02383232	2 Tail x 2 Code 61 Flange

JIC Female Swivel to R1/R2 Hose



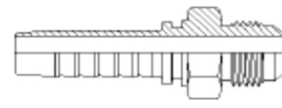
A02530307	3/16 Tail x 7/16 JICFS
A02530407	1/4 Tail x 7/16 JICFS
A02530408	1/4 Tail x 1/2 JICFS
A02530409	1/4 Tail x 9/16 JICFS
A02530412	1/4 Tail x 3/4 JICFS
A02530509	5/16 Tail x 9/16 JICFS
A02530608	3/8 Tail x 1/2 JICFS
A02530609	3/8 Tail x 9/16 JICFS
A02530612	3/8 Tail x 3/4 JICFS
A02530614	3/8 Tail x 7/8 JICFS
A02530809	1/2 Tail x 9/16 JICFS
A02530812	1/2 Tail x 3/4 JICFS
A02530814	1/2 Tail x 7/8 JICFS
A02530817	1/2 Tail x 1-1/16 JICFS
A02531014	5/8 Tail x 7/8 JICFS
A02531017	5/8 Tail x 1-1/16 JICFS
A02531214	3/4 Tail x 7/8 JICFS
A02531217	3/4 Tail x 1-1/16 JICFS
A02531219	3/4 Tail x 1-3/16 JICFS
A02531221	3/4 Tail x 1-5/16 JICFS
A02531617	1 Tail x 1-1/16 JICFS
A02531619	1 Tail x 1-3/16 JICFS
A02531621	1 Tail x 1-5/16 JICFS
A02531626	1 Tail x 1-5/8 JICFS
A02532026	1-1/4 Tail x 1-5/8 JICFS
A02532430	1-1/2 Tail x 1-7/8 JICFS
A02533240	2 Tail x 2-1/2 JICFS

Metric Waterwash to R1/R2 Hose



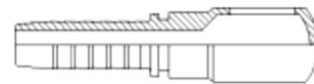
A02WB0422	1/4 Tail x M22 Karcher Female
A02WB0522	5/16 Tail x M22 Karcher Female
A02WB0622	3/8 Tail x M22 Karcher Female

JIC Male to R1/R2 Hose



A02500407	1/4 Tail x 7/16 JICM
A02500408	1/4 Tail x 1/2 JICM
A02500409	1/4 Tail x 9/16 JICM
A02500509	5/16 Tail x 9/16 JICM
A02500609	3/8 Tail x 9/16 JICM
A02500612	3/8 Tail x 3/4 JICM
A02500614	3/8 Tail x 7/8 JICM
A02500812	1/2 Tail x 3/4 JICM
A02500814	1/2 Tail x 7/8 JICM
A02500817	1/2 Tail x 1-1/16 JICM
A02501014	5/8 Tail x 7/8 JICM
A02501017	5/8 Tail x 1-1/16 JICM
A02501214	3/4 Tail x 7/8 JICM
A02501217	3/4 Tail x 1-1/16 JICM
A02501219	3/4 Tail x 1-3/16 JICM
A02501221	3/4 Tail x 1-5/16 JICM
A02501617	1 Tail x 1-1/16 JICM
A02501621	1 Tail x 1-5/16 JICM
A02501626	1 Tail x 1-5/8 JICM
A02502026	1-1/4 Tail x 1-5/8 JICM
A02502430	1-1/2 Tail x 1-7/8 JICM

Metric Banjo to R1/R2 Hose



A02830410	1/4 Tail x 10mm Banjo
A02830412	1/4 Tail x 12mm Banjo
A02830414	1/4 Tail x 14mm Banjo
A0283-0416	1/4 Tail 16mm Banjo
A02830514	5/16 Tail x 14mm Banjo
A02830612	3/8 Tail x 12mm Banjo
A02830614	3/8 Tail x 14mm Banjo
A02830616	3/8 Tail x 16mm Banjo
A02830618	3/8 Tail x 18mm Banjo
A02830620	3/8 Tail x 20mm Banjo
A02830818	1/2 Tail x 18mm Banjo
A02830822	1/2 Tail x 22mm Banjo
A02831022	5/8 Tail x 22mm Banjo
A02831226	3/4 Tail x 26mm Banjo
A02831630	1 Tail x 30mm Banjo

Metric Chinese (Female Flat Seat) to R1/R2 Hose



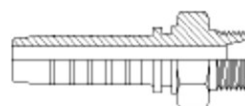
A02840414	1/4 Tail x M14 Chinese Metric
A02840416	1/4 Tail x M16 Chinese Metric
A02840616	3/8 Tail x M16 Chinese Metric
A02840618	3/8 Tail x M18 Chinese Metric
A02840620	3/8 Tail x M20 Chinese Metric
A02840822	1/2 Tail x M22 Chinese Metric
A02840824	1/2 Tail x M24 Chinese Metric
A02841027	5/8 Tail x M27 Chinese Metric
A02841230	3/4 Tail x M30 Chinese Metric
A02841236	3/4 Tail x M36 Chinese Metric
A02841636	1 Tail x M36 Chinese Metric

Metric Heavy Female to R1/R2 Hose



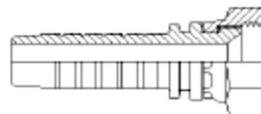
A02690414	1/4 Tail x M14 Heavy Female
A02690416	1/4 Tail x M16 Heavy Female
A02690418	1/4 Tail x M18 Heavy Female
A02690420	1/4 Tail x M20 Heavy Female
A02690520	5/16 Tail x M20 Heavy Female
A02690618	3/8 Tail x M18 Heavy Female
A02690620	3/8 Tail x M20 Heavy Female
A02690622	3/8 Tail x M22 Heavy Female
A02690624	3/8 Tail x M24 Heavy Female
A02690820	1/2 Tail x M20 Heavy Female
A02690822	1/2 Tail x M22 Heavy Female
A02690824	1/2 Tail x M24 Heavy Female
A02691024	5/8 Tail x M24 Heavy Female
A02691030	5/8 Tail x M30 Heavy Female
A02691230	3/4 Tail x M30 Heavy Female
A02691236	3/4 Tail x M36 Heavy Female
A02691636	1 Tail x M36 Heavy Female
A02691642	1 Tail x M42 Heavy Female
A02692052	1-1/4 Tail x M52 Heavy Female
A02692452	1-1/2 Tail x M52 Heavy Female

Metric Heavy Male to R1/R2 Hose



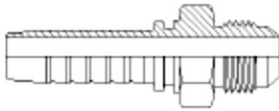
A02680414	1/4 Tail x M14 Heavy Male
A02680416	1/4 Tail x M16 Heavy Male
A02680418	1/4 Tail x M18 Heavy Male
A02680420	1/4 Tail x M20 Heavy Male
A02680520	5/16 Tail x M20 Heavy Male
A02680618	3/8 Tail x M18 Heavy Male
A02680620	3/8 Tail x M20 Heavy Male
A026780622	3/8 Tail x M22 Heavy Male
A02680822	1/2 Tail x M22 Heavy Male
A02680824	1/2 Tail x M24 Heavy Male
A02681030	5/8 Tail x M30 Heavy Male
A02681230	3/4 Tail x M30 Heavy Male
A02681236	3/4 Tail x M36 Heavy Male
A02681636	1 Tail x M36 Heavy Male
A02681642	1 Tail x M42 Heavy Male
A02682052	1-1/4 Tail x M52 Heavy Male

Metric JIS Female (Komatsu) to R1/R2 Hose



A02760414	1/4 Tail x M14 Komatsu Female
A02760418	1/4 Tail x M18 Komatsu Female
A02760614	3/8 Tail x M14 Komatsu Female
A02760616	3/8 Tail x M16 Komatsu Female
A02760618	3/8 Tail x M18 Komatsu Female
A02760818	1/2 Tail x M18 Komatsu Female
A02760820	1/2 Tail x M20 Komatsu Female
A02760822	1/2 Tail x M22 Komatsu Female
A02760824	1/2 Tail x M24 Komatsu Female
A02761024	5/8 Tail x M24 Komatsu Female
A02761026	5/8 Tail x M26 Komatsu Female
A02761224	3/4 Tail x M24 Komatsu Female
A02761230	3/4 Tail x M30 Komatsu Female
A02761233	3/4 Tail x M33 Komatsu Female
A02761633	1 Tail x M33 Komatsu Female
A02761636	1 Tail x M36 Komatsu Female
A02762036	1-1/4 Tail x M36 Komatsu Female
A02762042	1-1/4 Tail x M42 Komatsu Female
A02762442	1-1/2 Tail x M42 Komatsu Female

Metric JIS Male (Komatsu) to R1/R2 Hose



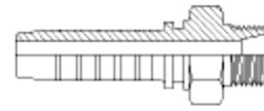
A02820414	1/4 Tail x M14 Komatsu Male
A02820616	3/8 Tail x M16 Komatsu Male
A02820618	3/8 Tail x M18 Komatsu Male
A02820822	1/2 Tail x M22 Komatsu Male
A02820824	1/2 Tail x M24 Komatsu Male
A02821230	3/4 Tail x M30 Komatsu Male

Metric Light Female to R1/R2 Hose



A02670412	1/4 Tail x M12 Light Female
A02670414	1/4 Tail x M14 Light Female
A02670416	1/4 Tail x M16 Light Female
A02670418	1/4 Tail x M18 Light Female
A02670516	5/16 Tail x M16 Light Female
A02670616	3/8 Tail x M16 Light Female
A02670618	3/8 Tail x M18 Light Female
A02670622	3/8 Tail x M22 Light Female
A02670818	1/2 Tail x M18 Light Female
A02670822	1/2 Tail x M22 Light Female
A02670826	1/2 Tail x M26 Light Female
A02671026	5/8 Tail x M26 Light Female
A02671030	5/8 Tail x M30 Light Female
A02671226	3/4 Tail x M26 Light Female
A02671230	3/4 Tail x M30 Light Female
A02671636	1 Tail x M36 Light Female
A02672045	1-1/4 Tail x M45 Light Female
A02672452	1-1/2 Tail x M52 Light Female

Metric Light Male to R1/R2 Hose



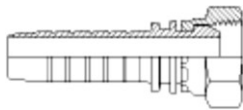
A02650412	1/4 Tail x M12 Light Male
A02650414	1/4 Tail x M14 Light Male
A02650416	1/4 Tail x M16 Light Male
A02650418	1/4 Tail x M18 Light Male
A02650616	3/8 Tail x M16 Light Male
A02650618	3/8 Tail x M18 Light Male
A02650622	3/8 Tail x M22 Light Male
A02650822	1/2 Tail x M22 Light Male
A02650826	1/2 Tail x M26 Light Male
A02651026	5/8 Tail x M26 Light Male
A02651030	5/8 Tail x M30 Light Male
A02651226	3/4 Tail x M26 Light Male
A02651230	3/4 Tail x M30 Light male
A02651236	3/4 Tail x M36 Light Male
A02651636	1 Tail x M36 Light Male
A02652045	1-1/4 Tail x M45 Light male
A02652452	1-1/2 Tail x M52 Light male

Metric Standpipe to R1/R2 Hose



A02790406	1/4 Tail x 6mm Standpipe
A02790408	1/4 Tail x 8mm Standpipe
A02790410	1/4 Tail x 10mm Standpipe
A02790412	1/4 Tail x 12mm Standpipe
A02790508	5/16 Tail x 8mm Standpipe
A02790610	3/8 Tail x 10mm Standpipe
A02790612	3/8 Tail x 12mm Standpipe
A02790614	3/8 Tail x 14mm Standpipe
A02790615	3/8 Tail x 15mm Standpipe
A02790814	1/2 Tail x 14mm Standpipe
A02790815	1/2 Tail x 15mm Standpipe
A02790816	1/2 Tail x 16mm Standpipe
A02790818	1/2 Tail x 18mm Standpipe
A02790820	1/2 Tail x 20mm Standpipe
A02790822	1/2 Tail x 22mm Standpipe

Metric Multi Seal Female Swivel to R1/R2 Hose



STB-MMS-0414	1/4 Tail x 14mm Metric Multi Seal
STB-MMS-0416	1/4 Tail x 16mm Metric Multi Seal
STB-MMS-0616	3/8 Tail x 16mm Metric Multi Seal
STB-MMS-0618	3/8 Tail x 18mm Metric Multi Seal
STB-MMS-0822	1/2 Tail x 22mm Metric Multi Seal
STB-MMS-0826	1/2 Tail x 26mm Metric Multi Seal
STB-MMS-1026	5/8 Tail x 26mm Metric Multi Seal

NPT Female Swivel to R1/R2 Hose



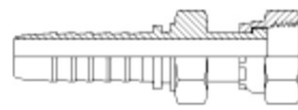
A02300404	1/4 Tail x 1/4 NPT Female
A02300606	3/8 Tail x 3/8 NPT Female

NPT Male to R1/R2 Hose



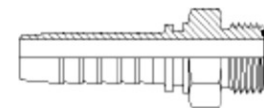
A02340402	1/4 Tail x 1/8 NPTM
A02340404	1/4 Tail x 1/4 NPTM
A02340406	1/4 Tail x 3/8 NPTM
A02340604	3/8 Tail x 1/4 NPTM
A02340606	3/8 Tail x 3/8 NPTM
A02340608	3/8 Tail x 1/2 NPTM
A02340806	1/2 Tail x 3/8 NPTM
A02340808	1/2 Tail x 1/2 NPTM
A02341008	5/8 Tail x 1/2 NPTM
A02341012	5/8 Tail x 3/4 NPTM
A02341212	3/4 Tail x 3/4 NPTM
A02341216	3/4 Tail x 1 NPTM
A02341612	1 Tail x 3/4 NPTM
A02341616	1 Tail x 1 NPTM
A02342016	1-1/4 Tail x 1 NPTM
A02342020	1-1/4 Tail x 1-1/4 NPTM
A02342424	1-1/2 Tail x 1-1/2 NPTM
A02343232	2 Tail x 2 NPTM

ORFS Female Swivel to R1/R2 Hose



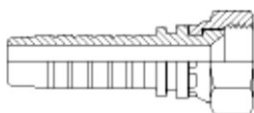
A02890409	1/4 Tail x 9/16 ORFS Female
A02890411	1/4 Tail x 11/16 ORFS Female
A02890609	3/8 Tail x 9/16 ORFS Female
A02890611	3/8 Tail x 11/16 ORFS Female
A02890613	3/8 Tail x 13/16 ORFS Female
A02890811	1/2 Tail x 11/16 ORFS Female
A02890813	1/2 Tail x 13/16 ORFS Female
A02890816	1/2 Tail x 1 ORFS Female
A02890819	1/2 Tail x 1-3/16 ORFS Female
A02891016	5/8 Tail x 1 ORFS Female
A02891019	5/8 Tail x 1-3/16 ORFS Female
A02891216	3/4 Tail x 1 ORFS Female
A02891219	3/4 Tail x 1-3/16 ORFS Female
A02891223	3/4 Tail x 1-7/16 ORFS Female
A02891623	1 Tail x 1-7/16 ORFS Female
A02892027	1-1/4 Tail x 1-11/16 ORFS Female
A02892432	1-1/2 Tail x 2 ORFS Female

ORFS Male to R1/R2 Hose



A02880409	1/4 Tail x 9/16 ORFS Male
A02880611	3/8 Tail x 11/16 ORFS Male
A02880613	3/8 Tail x 13/16 ORFS Male
A02880813	1/2 Tail x 13/16 ORFS Male
A02881016	5/8 Tail x 1 ORFS Male
A02881019	5/8 Tail x 1-3/16 ORFS Male
A02881219	3/4 Tail x 1-3/16 ORFS Male

SAE Female Swivel (45 Degree Cone) to R1/R2 Hose



A02460407	1/4 Tail x 7/16 SAE Female
A02460610	3/8 Tail x 5/8 SAE Female
A02460812	1/2 Tail x 3/4 SAE Female
A02461017	5/8 Tail x 1-1/16 SAE Female
A02461217	3/4 Tail x 1-1/16 SAE Female

Double Connector (Hose Joiner) to R1/R2 Hose



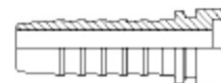
A02020303	3/16 Swage Tail Joiner
A02020404	1/4 Swage Tail Joiner
A02020505	5/16 Swage Tail Joiner
A02020606	3/8 Swage Tail Joiner
A02020808	1/2 Swage Tail Joiner
A02021010	5/8 Swage Tail Joiner
A02021212	3/4 Swage Tail Joiner

SAE Male (45 Degree Cone) to R1/R2 Hose



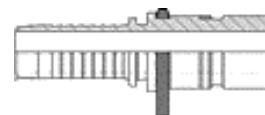
A02430407	1/4 Tail x 7/16 SAE Male
A02430610	3/8 Tail x 5/8 SAE Male
A02430812	1/2 Tail x 3/4 SAE Male
A02431217	3/4 Tail x 1-1/16 SAE Male

Weld On to R1/R2 Hose



A02960404	1/4 Tail x 1/4 OD Tubeweld
A02960504	5/16 Tail x 1/4 OD Tubeweld
A02960604	3/8 Tail x 1/4 OD Tubeweld
A02960606	3/8 Tail x 3/8 OD Tubeweld
A02960608	3/8 Tail x 1/2 OD Tubeweld
A02960808	1/2 Tail x 1/2 OD Tubeweld
A02960810	1/2 Tail x 5/8 OD Tubeweld
A02961010	5/8 Tail x 5/8 OD Tubeweld
A02961210	3/4 Tail x 5/8 OD Tubeweld
A02961212	3/4 Tail x 3/4 OD Tubeweld
A02961616	1 Tail x 1 OD Tubeweld
A02962020	1-1/4 Tail x 1-1/4 OD Tubeweld

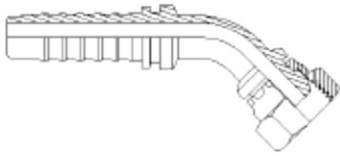
WEO Male to R1/R2 Hose



A02WEO0404	1/4 Tail x 1/4 WEO Plug-In
A02WEO0406	1/4 Tail x 3/8 WEO Plug-In
A02WEO0606	3/8 Tail x 3/8 WEO Plug-In
A02WEO0608	3/8 Tail x 1/2 WEO Plug-In
A02WEO0808	1/2 Tail x 1/2 WEO Plug-In
A02WEO1212	3/4 Tail x 3/4 WEO Plug-In
A02WEO1616	1 Tail x 1 WEO Plug-In

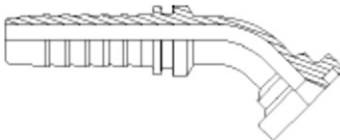
Two Piece Hosetail 45°

BSPP Female Swivel 45 Swept to R1/R2 Hose



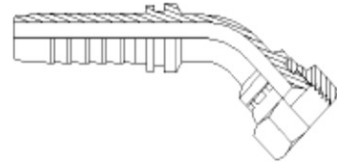
J02170404	1/4 Tail x 1/4 BSPFS 45°
J02170406	1/4 Tail x 3/8 BSPFS 45°
J02170506	5/16 Tail x 3/8 BSPFS 45°
J02170606	3/8 Tail x 3/8 BSPFS 45°
J02170608	3/8 Tail x 1/2 BSPFS 45°
J02170808	1/2 Tail x 1/2 BSPFS 45°
J02171010	5/8 Tail x 5/8 BSPFS 45°
J02171212	3/4 Tail x 3/4 BSPFS 45°
J02171616	1 Tail x 1 BSPFS 45°
J02172020	1-1/4 Tail x 1-1/4 BSPFS 45°
J02172424	1-1/2 Tail x 1-1/2 BSPFS 45°
J02173232	2 Tail x 2 BSPFS 45°

SAE Code 61 Flange 45 Degree Swept to R1/R2 Hose



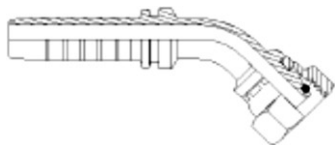
J02380808	1/2 Tail x 1/2 Code 61 Flange 45°
J02380812	1/2 Tail x 3/4 Code 61 Flange 45°
J02381010	5/8 Tail x 5/8 Code 61 Flange 45°
J02381212	3/4 Tail x 3/4 Code 61 Flange 45°
J02381216	3/4 Tail x 1 Code 61 Flange 45°
J02381616	1 Tail x 1 Code 61 Flange 45°
J02381620	1 Tail x 1-1/4 Code 61 Flange 45°
J02382020	1-1/4 Tail x 1-1/4 Code 61 Flange 45°
J02382024	1-1/4 Tail x 1-1/2 Code 61 Flange 45°
J02382424	1-1/2 Tail x 1-1/2 Code 61 Flange 45°
J02383232	2 Tail x 2 Code 61 Flange 45°

JIC Female Swivel 45 Degree Swept to R1/R2 Hose



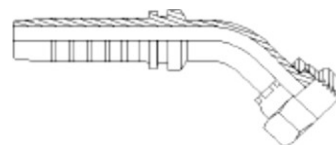
J02530407	1/4 Tail x 7/16 JICFS 45°
J02530408	1/4 Tail x 1/2 JICFS 45°
J02530409	1/4 Tail x 9/16 JICFS 45°
J02530509	5/16 Tail x 9/16 JICFS 45°
J02530608	3/8 Tail x 1/2 JICFS 45°
J02530609	3/8 Tail x 9/16 JICFS 45°
J02530612	3/8 Tail x 3/4 JICFS 45°
J02530812	1/2 Tail x 3/4 JICFS 45°
J02530814	1/2 Tail x 7/8 JICFS 45°
J02530817	1/2 Tail x 1-1/16 JICFS 45°
J02531014	5/8 Tail x 7/8 JICFS 45°
J02531017	5/8 Tail x 1-1/16 JICFS 45°
J02531217	3/4 Tail x 1-1/16 JICFS 45°
J02531219	3/4 Tail x 1-3/16 JICFS 45°
J02531221	3/4 Tail x 1-5/16 JICFS 45°
J02531621	1 Tail x 1-5/16 JICFS 45°
J02532026	1-1/4 Tail x 1-5/8 JICFS 45°
J02532430	1-1/2 Tail x 1-7/8 JICFS 45°
J02533240	2 Tail X 2-1/2 JICFS 45°

Metric Heavy Female 45 Degree Swept to R1/R2 Hose



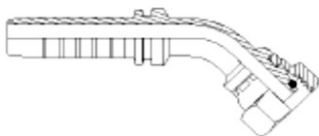
J02690414	1/4 Tail x M14 Heavy 45°
J02690416	1/4 Tail x M16 Heavy 45°
J02690418	1/4 Tail x M18 Heavy 45°
J02690618	3/8 Tail x M18 Heavy 45°
J02690620	3/8 Tail x M20 Heavy 45°
J02690622	3/8 Tail x M22 Heavy 45°
J02690822	1/2 Tail x M22 Heavy 45°
J02690824	1/2 Tail x M24 Heavy 45°
J02691030	5/8 Tail x M30 Heavy 45°
J02691230	3/4 Tail x M30 Heavy 45°
J02691236	3/4 Tail x M36 Heavy 45°
J02691636	1 Tail x M36 Heavy 45°
J02691642	1 Tail x M42 Heavy 45°
J02692052	1-1/4 Tail x M52 Heavy 45°

ORFS Female Swivel 45 Degree Swept to R1/R2 Hose



J02890409	1/4 Tail x 9/16 ORFS 45°
J02890411	1/4 Tail x 11/16 ORFS 45°
J02890611	3/8 Tail x 11/16 ORFS 45°
J02890613	3/8 Tail x 13/16 ORFS 45°
J02890813	1/2 Tail x 13/16 ORFS 45°
J02891016	5/8 Tail x 1ORFS 45°
J02891219	3/4 Tail x 1-3/16 ORFS 45°
J02891623	1 Tail x 1-7/16 ORFS 45°
J02892027	1-1/4 Tail x 1-11/16 ORFS 45°

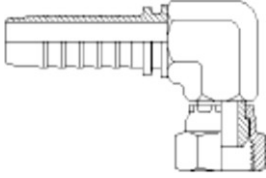
Metric Light Female 45 Degree Swept to R1/R2 Hose



J02670412	1/4 Tail x M12 Light 45°
J02670414	1/4 Tail x M14 Light 45°
J02670416	1/4 Tail x M16 Light 45°
J02670418	1/4 Tail x M18 Light 45°
J02670614	3/4 Tail x M14 Light 45°
J02670616	3/8 Tail x M16 Light 45°
J02670618	3/8 Tail x M18 Light 45°
J02670622	3/8 Tail x M22 Light 45°
J02670822	1/2 Tail x M22 Light 45°
J02670826	1/2 Tail x M26 Light 45°
J02671026	5/8 Tail x M26 Light 45°
J02671226	3/4 Tail x M26 Light 45°
J02671230	3/4 Tail x M30 Light 45°
J02671636	1 Tail x M36 Light 45°
J02672045	1-1/4 Tail x M45 Light 45°

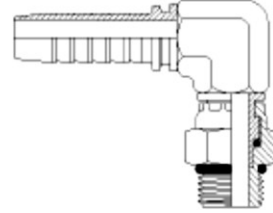
Two Piece Hosetail 90° Compact

BSPP Female Swivel 90 Degree Compact to R1/R2 Hose



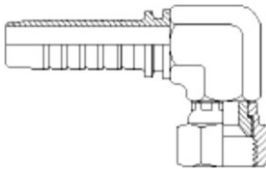
B02170404	1/4 Tail x 1/4 BSPFS 90° Comp
B02170406	1/4 Tail x 3/8 BSPFS 90° Comp
B02170606	3/8 Tail x 3/8 BSPFS 90° Comp
B02170608	3/8 Tail x 1/2 BSPFS 90° Comp
B02170808	1/2 Tail x 1/2 BSPFS 90° Comp
B02171010	5/8 Tail x 5/8 BSPFS 90° Comp
B02171212	3/4 Tail x 3/4 BSPFS 90° Comp
B02171616	1 Tail x 1 BSPFS 90° Comp

UNO Male Live Swivel 90 Degree Compact to R1/R2 Hose



B02570812	1/2" Tail x 3/4" UNO 90° Comp Live Swivel
B02570814	1/2" Tail x 7/8" UNO 90° Comp Live Swivel

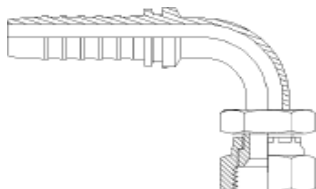
JIC Female Swivel 90 Degree Compact to R1/R2 Hose



J02530407	1/4 Tail x 7/16 JICFS 90° Comp
J02530409	1/4 Tail x 9/16 JICFS 90° Comp
J02530609	3/8 Tail x 9/16 JICFS 90° Comp
J02530612	3/8 Tail x 3/4 JICFS 90° Comp
J02530812	1/2 Tail x 3/4 JICFS 90° Comp
J02530814	1/2 Tail x 7/8 JICFS 90° Comp
J02531217	3/4 Tail x 1-1/16 JICFS 90° Comp
J02531621	1 Tail x 1-5/16 JICFS 90° Comp

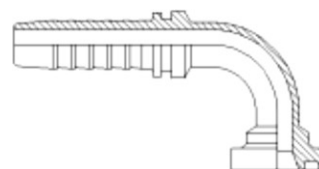
Two Piece Hosetail 90°

BSP Inverted Cone (JIS) Female 90 Swept to R1/R2 Hose



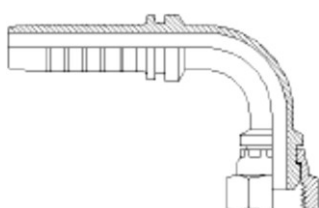
G02180404	1/4 Tail x 1/4 BSPFS-Inv. 90°
G02180406	1/4 Tail x 3/8 BSPFS-Inv. 90°
G02180606	3/8 Tail x 3/8 BSPFS-Inv. 90°
G02180808	1/2 Tail x 1/2 BSPFS-Inv. 90°
G02181212	3/4 Tail x 3/4 BSPFS-Inv. 90°
G02181616	1 Tail x 1 BSPFS-Inv. 90°

SAE Code 61 Flange 90 Degree Swept to R1/R2



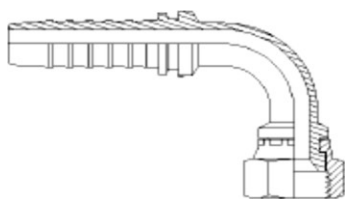
G02380808	1/2 Tail x 1/2 Code 61 Fl. 90°
G02380812	1/2 Tail x 3/4 Code 61 Fl. 90°
G02381010	5/8 Tail x 5/8 Code 61 Fl. 90°
G02381212	3/4 Tail x 3/4 Code 61 Fl. 90°
G02381216	3/4 Tail x 1 Code 61 Fl. 90°
G02381616	1 Tail x 1 Code 61 Fl. 90°
G02381620	1 Tail x 1-1/4 Code 61 Fl. 90°
G02382020	1-1/4 Tail x 1-1/4 Code 61 Fl. 90°
G02382024	1-1/4 Tail x 1-1/2 Code 61 Fl. 90°
G02382424	1-1/2 Tail x 1-1/2 Code 61 Fl. 90°
G02382424	1-1/2 Tail x 2 Code 61 Fl. 90°
G02383232	2 Tail x 2 Code 61 Fl. 90°

BSPF Female Swivel 90 Swept to R1/R2 Hose



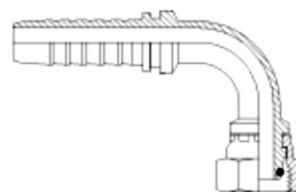
G02170402	1/4 Tail x 1/8 BSPFS 90°
G02170404	1/4 Tail x 1/4 BSPFS 90°
G02170406	1/4 Tail x 3/8 BSPFS 90°
G02170604	3/8 Tail x 1/4 BSPFS 90°
G02170606	3/8 Tail x 3/8 BSPFS 90°
G02170608	3/8 Tail x 1/2 BSPFS 90°
G02170808	1/2 Tail x 1/2 BSPFS 90°
G02170810	1/2 Tail x 5/8 BSPFS 90°
G02170812	1/2 Tail x 3/4 BSPFS 90°
G02171010	5/8 Tail x 5/8 BSPFS 90°
G02171212	3/4 Tail x 3/4 BSPFS 90°
G02171216	3/4 Tail x 1 BSPFS 90°
G02171616	1 Tail x 1 BSPFS 90°
G02172020	1-1/4 Tail x 1-1/4 BSPFS 90°
G02172424	1-1/2 Tail x 1-1/2 BSPFS 90°
G02173232	2 Tail x 2 BSPFS 90°

JIC Female Swivel 90 Degree Swept to R1/R2 Hose



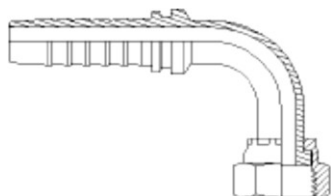
G02530407	1/4 Tail x 7/16 JICFS 90°
G02530408	1/4 Tail x 1/2 JICFS 90°
G02530409	1/4 Tail x 9/16 JICFS 90°
G02530412	1/4 Tail x 3/4 JICFS 90°
G02530509	5/16 Tail x 9/16 JICFS 90°
G02530609	3/8 Tail x 9/16 JICFS 90°
G02530612	3/8 Tail x 3/4 JICFS 90°
G02530614	3/8 Tail x 7/8 JICFS 90°
G02530812	1/2 Tail x 3/4 JICFS 90°
G02530814	1/2 Tail x 7/8 JICFS 90°
G02530817	1/2 Tail x 1-1/16 JICFS 90°
G02531014	5/8 Tail x 7/8 JICFS 90°
G02531017	5/8 Tail x 1-1/16 JICFS 90°
G02531217	3/4 Tail x 1-1/16 JICFS 90°
G02531219	3/4 Tail x 1-3/16 JICFS 90°
G02531221	3/4 Tail x 1-5/16 JICFS 90°
G02531617	1 Tail x 1-1/16 JICFS 90°
G02531621	1 Tail x 1-5/16 JICFS 90°
G02531626	1 Tail x 1-5/8 JICFS 90°
G02532026	1-1/4 Tail x 1-5/8 JICFS 90°
G02532430	1-1/2 Tail x 1-7/8 JICFS 90°
G02533240	2 Tail x 2-1/2 JICFS 90°

Metric Heavy Female 90 Degree Swept to R1/R2 Hose



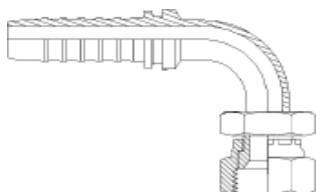
G02690414	1/4 Tail x M14 Heavy 90°
G02690416	1/4 Tail x M16 Heavy 90°
G02690418	1/4 Tail x M18 Heavy 90°
G02690420	1/4 Tail x M20 Heavy 90°
G02690520	5/16 Tail x M20 Heavy 90°
G02690618	3/8 Tail x M18 Heavy 90°
G02690620	3/8 Tail x M20 Heavy 90°
G02690622	3/8 Tail x M22 Heavy 90°
G02690624	3/8 Tail x M24 Heavy 90°
G02690822	1/2 Tail x M22 Heavy 90°
G02690824	1/2 Tail x M24 Heavy 90°
G02691030	5/8 Tail x M30 Heavy 90°
G02691230	3/4 Tail x M30 Heavy 90°
G02691236	3/4 Tail x M36 Heavy 90°
G02691636	1 Tail x M36 Heavy 90°
G02691642	1 Tail x M42 Heavy 90°
G02692052	1-1/4 Tail x M52 Heavy 90°

Metric Chinese Flat Face Female 90 Degree Swept to R1/R2 Hose



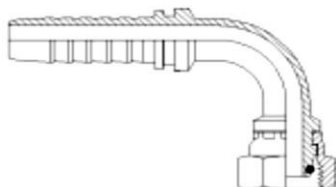
G02840414	1/4 Tail x M14 Chinese Metric 90°
G02840616	3/8 Tail x M16 Chinese Metric 90°
G02840618	3/8 Tail x M18 Chinese Metric 90°
G02840822	1/2 Tail x M22 Chinese Metric 90°
G02840824	1/2 Tail x M24 Chinese Metric 90°
G02841027	5/8 Tail x M27 Chinese Metric 90°
G02841236	3/4 Tail x M36 Chinese Metric 90°

Metric JIS Female (Komatsu) 90 Degree Swept to R1/R2 Hose



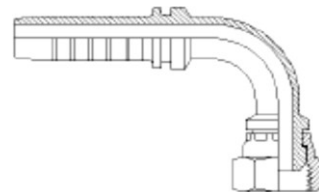
G02760414	1/4 Tail x M14 Komatsu 90°
G02760616	3/8 Tail x M16 Komatsu 90°
G02760618	3/8 Tail x M18 Komatsu 90°
G02760620	3/8 Tail x M18 Komatsu 90°
G02760820	1/2 Tail x M20 Komatsu 90°
G02760822	1/2 Tail x M22 Komatsu 90°

Metric Light Female 90 Degree Swept to R1/R2 Hose



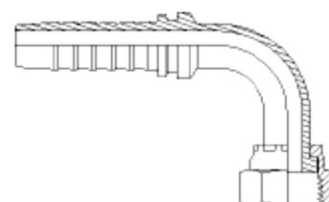
G02670412	1/4 Tail x M12 Light 90°
G02670414	1/4 Tail x M14 Light 90°
G02670416	1/4 Tail x M16 Light 90°
G02670418	1/4 Tail x M18 Light 90°
G02670616	3/8 Tail x M16 Light 90°
G02670618	3/8 Tail x M18 Light 90°
G02670622	3/8 Tail x M22 Light 90°
G02670822	1/2 Tail x M22 Light 90°
G02670826	1/2 Tail - M26 Light 90°
G02671026	5/8 Tail x M26 Light 90°
G02671030	5/8 Tail x M30 Light 90°
G02671226	3/4 Tail x M26 Light 90°
G02671230	3/4 Tail x M30 Light 90°
G02671636	1 Tail x M36 Light 90°
G02672045	1-1/4 Tail x M45 Light 90°
G02672452	1-1/2 Tail x M52 Light 90°

Metric Multi Seal Female Swivel 90 Degree Swept to R1/R2 Hose



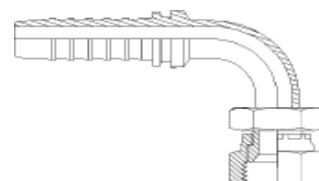
STB-MMS-90S-0412	1/4 Tail x 12mm Metric Multi Seal 90°
STB-MMS-90S-0414	1/4 Tail x 14mm Metric Multi Seal 90°
STB-MMS-90S-0616	3/8 Tail x 16mm Metric Multi Seal 90°
STB-MMS-90S-0618	3/8 Tail x 18mm Metric Multi Seal 90°

ORFS Female Swivel 90 Degree Swept to R1/R2 Hose



G02890409	1/4 Tail x 9/16 ORFS 90°
G02890411	1/4 Tail x 11/16 ORFS 90°
G02890413	1/4 Tail x 13/16 ORFS 90°
G02890609	3/8 Tail x 9/16 ORFS 90°
G02890611	3/8 Tail x 11/16 ORFS 90°
G02890613	3/8 Tail x 13/16 ORFS 90°
G02890813	1/2 Tail x 13/16 ORFS 90°
G02890816	1/2 Tail x 1 ORFS 90°
G02891016	5/8 Tail x 1 ORFS 90°
G02891019	5/8 Tail x 1-3/16 ORFS 90°
G02891216	3/4 Tail x 1 ORFS 90°
G02891219	3/4 Tail x 1-3/16 ORFS 90°
G02891223	3/4 Tail x 1-7/16 ORFS 90°
G02891623	1 Tail x 1-7/16 ORFS 90°
G02892027	1-1/4 Tail x 1-11/16 ORFS 90°
G02892432	1-1/2 Tail x 2 ORFS 90°

SAE 45 Degree Female Swivel 90 Degree Swept to R1/R2 Hose



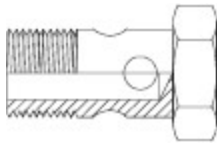
G02460610	3/8 Tail x 5/8 SAE Female 90°
G02461217	3/4 Tail x 1-1/16 SAE Female 90°



ASSOCIATED ITEMS

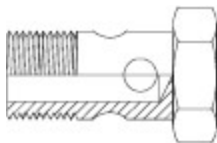
Associated Items

Banjo Bolt BSPP



BBB-02	1/8 BSP Banjo Bolt
BBB-04	1/4 BSP Banjo Bolt
BBB-06	3/8 BSP Banjo Bolt
BBB-08	1/2 BSP Banjo Bolt
BBB-12	3/4 BSP Banjo Bolt
BBB-16	1 BSP Banjo Bolt

Metric Banjo Bolt



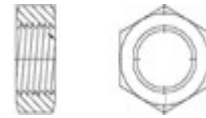
MBB-10	10mm Banjo Bolt
MBB-12	12mm Banjo Bolt
MBB-14	14mm Banjo Bolt
MBB-16	16mm Banjo Bolt
MBB-18	18mm Banjo Bolt
MBB-22	22mm Banjo Bolt
MBB-26	26mm Banjo Bolt

Hydraulic Oil



HYD46-20LTR	HYDRAULIC OIL ISO 46 20 LITRE
HYD68-20LTR	HYDRAULIC OIL ISO 68 20 LITRE

Locknuts



BSP

BLN-04	1/4 BSP Lock Nut
BLN-06	3/8 BSP Lock Nut
BLN-08	1/2 BSP Lock Nut
BLN-12	3/4 BSP Lock Nut
BLN-16	1 BSP Lock Nut
BLN-20	1-1/4 BSP Lock Nut
BLN-24	1-1/2 BSP Lock Nut

JIC

JLN-07	7/16 JIC Lock Nut
JLN-08	1/2 JIC Lock Nut
JLN-09	9/16 JIC Lock Nut
JLN-12	3/4 JIC Lock Nut
JLN-14	7/8 JIC Lock Nut
JLN-17	1-1/16 JIC Lock Nut
JLN-21	1-5/16 JIC Lock Nut
JLN-26	1-5/8 JIC Lock Nut
JLN-30	1-7/8 JIC Lock Nut
JLN-40	2-1/2 JIC Lock Nut

ORFS

OLN-09	9/16 ORFS Lock Nut
OLN-11	11/16 ORFS Lock Nut
OLN-13	13/16 ORFS Lock Nut
OLN-16	1 ORFS Lock Nut
OLN-19	1-3/16 ORFS Lock Nut
OLN-23	1-7/16 ORFS Lock Nut
OLN-27	1-11/16 ORFS Lock Nut
OLN-32	2 ORFS Lock Nut

JIC Tube Nut



JTN-07	7/16 JIC Tube Nut
JTN-08	1/2 JIC Tube Nut
JTN-09	9/16 JIC Tube Nut
JTN-12	3/4 JIC Tube Nut
JTN-14	7/8 JIC Tube Nut
JTN-17	1-1/16 JIC Tube Nut
JTN-21	1-5/16 JIC Tube Nut
JTN-26	1-5/8 JIC Tube Nut
JTN-30	1-7/8 JIC Tube Nut

ORFS Tube Nut



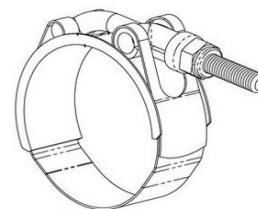
OTN-09	9/16 ORFS Tube Nut
OTN-11	11/16 ORFS Tube Nut
OTN-13	13/16 ORFS Tube Nut
OTN-16	1 ORFS Tube Nut
OTN-19	1-3/16 ORFS Tube Nut
OTN-23	1-7/16 ORFS Tube Nut
OTN-27	1-11/16 ORFS Tube nut
OTN-32	2 ORFS Tube nut

JIC Tube Sleeve



JTS-07	7/16 JIC Tube Sleeve
JTS-08	1/2 JIC Tube Sleeve
JTS-09	9/16 JIC Tube Sleeve
JTS-12	3/4 JIC Tube Sleeve
JTS-14	7/8 JIC Tube Sleeve
JTS-17	1-1/16 JIC Tube Sleeve
JTS-21	1-5/16 JIC Tube Sleeve
JTS-26	1-5/8 JIC Tube Sleeve
JTS-30	1-7/8 JIC Tube Sleeve

T-Bolt Super Clamps



SC-2325	CLAMP BAND 23-25MM
SC-2628	CLAMP BAND 26-28MM
SC-2931	CLAMP BAND 29-31MM
SC-3033	CLAMP BAND 30-33MM
SC-3235	CLAMP BAND 32-35MM
SC-3437	CLAMP BAND 34-37MM
SC-3639	CLAMP BAND 36-39MM
SC-3841	CLAMP BAND 38-41MM
SC-4043	CLAMP BAND 40-43MM
SC-4447	CLAMP BAND 44-47MM
SC-4751	CLAMP BAND 47-51MM
SC-5255	CLAMP BAND 52-55MM
SC-5963	CLAMP BAND 59-63MM
SC-6467	CLAMP BAND 64-67MM
SC-6873	CLAMP BAND 68-73MM
SC-7479	CLAMP BAND 74-79MM
SC-7783	CLAMP BAND 77-83MM
SC-8591	CLAMP BAND 85-91MM
SC-112121	CLAMP BAND 112-121MM
SC-162174	CLAMP BAND 162-174MM
SC-175187	CLAMP BAND 175-187MM

O'Rings



BSP

OR-BSP-02	O Ring BSPP 1/8
OR-BSP-04	O Ring BSPP 1/4
OR-BSP-06	O Ring BSPP 3/8
OR-BSP-08	O Ring BSPP 1/2
OR-BSP-12	O Ring BSPP 3/4
OR-BSP-16	O Ring BSPP 1
OR-BSP-20	O Ring BSPP 1-1/4
OR-BSP-24	O Ring BSPP 1-1/2
OR-BSP-32	O Ring BSPP 2

ORFS

OR-ORF-09	O Ring 9/16 ORFS
OR-ORF-11	O Ring 11/16 ORFS
OR-ORF-13	O Ring 13/16 ORFS
OR-ORF-16	O Ring 1 ORFS
OR-ORF-19	O Ring 1-3/16 ORFS
OR-ORF-23	O Ring 1-7/16 ORFS
OR-ORF-27	O Ring 1-11/16 ORFS
OR-ORF-32	O Ring 2 ORFS

SAE

FLOR-08	O Ring SAE 1/2 Flange
FLOR-12	O Ring SAE 3/4 Flange
FLOR-16	O Ring SAE 1 Flange
FLOR-20	O Ring SAE 1-1/4 Flange
FLOR-24	O Ring SAE 1-1/2 Flange
FLOR-32	O Ring SAE 2 Flange
FLOR-40	O Ring SAE 2-1/2 Flange

UNO

OR-UNO-07	O Ring 7/16 UNO
OR-UNO-08	O Ring 1/2 UNO
OR-UNO-09	O Ring 9/16 UNO
OR-UNO-12	O Ring 3/4 UNO
OR-UNO-14	O Ring 7/8 UNO
OR-UNO-17	O Ring 1-1/16 UNO
OR-UNO-21	O Ring 1-5/16 UNO
OR-UNO-26	O Ring 1-5/8 UNO
OR-UNO-30	O Ring 1-7/8 UNO
OR-UNO-40	O Ring 2-1/2 UNO

BSP Dowty Seal



DSB-02	1/8 BSP Dowty Seal
DSB-04	1/4 BSP Dowty Seal
DSB-06	3/8 BSP Dowty Seal
DSB-08	1/2 BSP Dowty Seal
DSB-10	5/8 BSP Dowty Seal
DSB-12	3/4 BSP Dowty Seal
DSB-16	1 BSP Dowty Seal
DSB-20	1-1/4 BSP Dowty Seal
DSB-24	1-1/2 BSP Dowty Seal
DSB-32	2 BSP Dowty Seal

Metric Dowty Seal

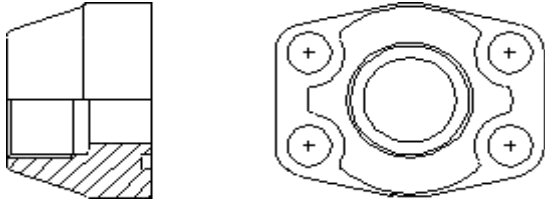
DSM-10	10mm Metric Dowty Seal
DSM-12	12mm Metric Dowty Seal
DSM-14	14mm Metric Dowty Seal
DSM-16	16mm Metric Dowty Seal
DSM-18	18mm Metric Dowty Seal
DSM-20	20mm Metric Dowty Seal
DSM-22	22mm Metric Dowty Seal
DSM-24	24mm Metric Dowty Seal
DSM-26	26mm Metric Dowty Seal
DSM-27	27mm Metric Dowty Seal
DSM-30	30mm Metric Dowty Seal
DSM-33	33mm Metric Dowty Seal
DSM-36	36mm Metric Dowty Seal
DSM-42	42mm Metric Dowty Seal
DSM-48	48mm Metric Dowty Seal

Encapsulated Seal



EDB-02	Encapsulated O Ring BSPP 1/8
EDB-04	Encapsulated O Ring BSPP 1/4
EDB-06	Encapsulated O Ring BSPP 3/8
EDB-08	Encapsulated O Ring BSPP 1/2
EDB-12	Encapsulated O Ring BSPP 3/4
EDB-16	Encapsulated O Ring BSPP 1
EDB-20	Encapsulated O Ring BSPP 1-1/4
EDB-24	Encapsulated O Ring BSPP 1-1/2

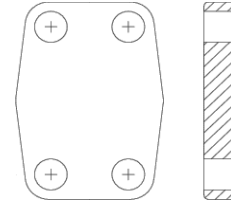
Flange Block



Code 61

FB-F61-12	Flange Block C61 3/4" BSPF
FB-F61-16	Flange Block C61 1" BSPF
FB-F61-20	Flange Block C61 1-1/4" BSPF
FB-F61-24	Flange Block C61 1-1/2" BSPF
FB-F61-32	Flange Block C61 2" BSPF

Flange Blanking Plate



Code 61

F61-PLATE-12	3/4" Code 61 Flange Plate
F61-PLATE-16	1" Code 61 Flange Plate
F61-PLATE-20	1-1/4" Code 61 Flange Plate
F61-PLATE-24	1-1/2" Code 61 Flange Plate
F61-PLATE-32	2" Code 61 Flange Plate

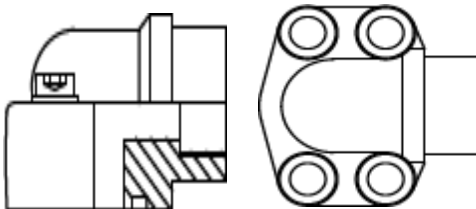
Code 62

FB-F62-12	Flange Block C62 3/4" BSPF
FB-F62-16	Flange Block C62 1" BSPF
FB-F62-20	Flange Block C62 1-1/4" BSPF
FB-F62-24	Flange Block C62 1-1/2" BSPF
FB-F62-32	Flange Block C62 2" BSPF

Code 62

F62-PLATE-12	3/4" Code 62 Flange Plate
F62-PLATE-16	1" Code 62 Flange Plate
F62-PLATE-20	1-1/4" Code 62 Flange Plate
F62-PLATE-24	1-1/2" Code 62 Flange Plate
F62-PLATE-32	2" Code 62 Flange Plate

Flange Block 90°



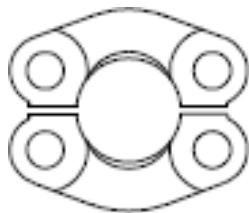
Code 61

FB-F61-90C-0808	Flange Block C61 1/2" BSPF 90°
FB-F61-90C-1212	Flange Block C61 3/4" BSPF 90°
FB-F61-90C-1616	Flange Block C61 1" BSPF 90°
FB-F61-90C-2020	Flange Block C61 1-1/4" BSPF 90°
FB-F61-90C-2424	Flange Block C61 1-1/2" BSPF 90°
FB-F61-90C-3232	Flange Block C61 2" BSPF 90°

Code 62

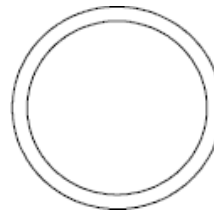
FB-F62-90C-0808	Flange Block C62 1/2" BSPF 90°
FB-F62-90C-1212	Flange Block C62 3/4" BSPF 90°
FB-F62-90C-1616	Flange Block C62 1" BSPF 90°
FB-F62-90C-2020	Flange Block C62 1-1/4" BSPF 90°
FB-F62-90C-2424	Flange Block C62 1-1/2" BSPF 90°
FB-F62-90C-3232	Flange Block C62 2" BSPF 90°

Code 61 Split Flange Clamp



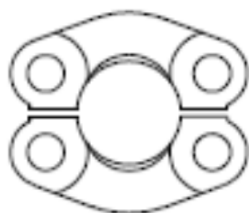
SFC61-08	1/2 Code 61 Flange Clamps
SFC61-12	3/4 Code 61 Flange Clamps
SFC61-16	1 Code 61 Flange Clamps
SFC61-20	1-1/4 Code 61 Flange Clamps
SFC61-24	1-1/2 Code 61 Flange Clamps
SFC61-32	2 Code 61 Flange Clamps
SFC61-40	2-1/2 Code 61 Flange Clamps
SFC61-48	3 Code 61 Flange Clamps

CAT Flange Spacer Ring



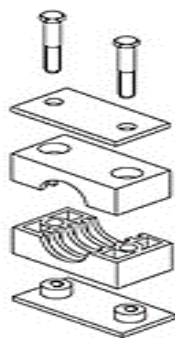
CAT-F62-12	3/4 Cat Flange Ring
CAT-F62-16	1 Cat Flange Ring
CAT-F62-20	1-1/4 Cat Flange Ring
CAT-F62-24	1-1/2 Cat Flange Ring
CAT-F62-32	2 Cat Flange Ring

Code 62 Split Flange Clamp



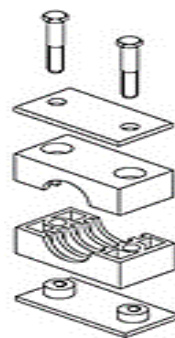
SFC62-08	1/2 Code 62 Flange Clamps
SFC62-12	3/4 Code 62 Flange Clamps
SFC62-16	1 Code 62 Flange Clamps
SFC62-20	1-1/4 Code 62 Flange Clamps
SFC62-24	1-1/2 Code 62 Flange Clamps
SFC62-32	2 Code 62 Flange Clamps

Single Tube Clamps



CC2-06	6MM CLAMP SINGLE
CC2-06.4	6.4MM CLAMP SINGLE
CC2-08	8MM CLAMP SINGLE
CC2-9.5	9.5MM CLAMP SINGLE
CC2-10	10MM CLAMP SINGLE
CC2-12	12MM CLAMP SINGLE
CC3-12.7	12.7MM CLAMP SINGLE
CC3-14	14MM CLAMP SINGLE
CC3-15	15MM CLAMP SINGLE
CC3-16	16MM CLAMP SINGLE
CC3-18	18MM CLAMP SINGLE
CC4-19	19MM CLAMP SINGLE
CC4-20	20MM CLAMP SINGLE
CC4-21.3	21.3MM CLAMP SINGLE
CC4-22	22MM CLAMP SINGLE
CC4-25.4	25MM CLAMP SINGLE
CC5-26.9	26.9MM CLAMP SINGLE
CC5-28	28MM CLAMP SINGLE
CC5-30	30MM CLAMP SINGLE
CC5-32	32MM CLAMP SINGLE
CC5-33.7	33.7MM CLAMP SINGLE
CC6-35	35MM CLAMP SINGLE
CC6-38	38MM CLAMP SINGLE
CC6-40	40MM CLAMP SINGLE
CC6-42	42MM CLAMP SINGLE
CC6-44.5	44.5MM CLAMP SINGLE
CC7-48.3	48.3MM CLAMP SINGLE
CC7-50.8	50.8MM CLAMP SINGLE

Heavy Duty Single Tube Clamps



CP1-10HD	10MM CLAMP SINGLE
CP1-12.7HD	12.7MM CLAMP SINGLE
CP1-14HD	14MM CLAMP SINGLE
CP1-15HD	15MM CLAMP SINGLE
CP1-16HD	16MM CLAMP SINGLE
CP2-18HD	18MM CLAMP SINGLE
CP2-19HD	19MM CLAMP SINGLE
CP2-20HD	20MM CLAMP SINGLE
CP2-21.3HD	21.3MM CLAMP SINGLE
CP2-22HD	22MM CLAMP SINGLE
CP2-25.4HD	25MM CLAMP SINGLE
CP2-28HD	28MM CLAMP SINGLE
CP3-30HD	30MM CLAMP SINGLE
CP3-32HD	32MM CLAMP SINGLE
CP43-33.7HD	33.7MM CLAMP SINGLE
CP4-38HD	38MM CLAMP SINGLE
CP4-42HD	42MM CLAMP SINGLE
CP4-50.8HD	50.8MM CLAMP SINGLE

Twin Tube Clamps



CF1-06	6MM CLAMP DOUBLE
CF1-06.4	6.4MM CLAMP DOUBLE
CF1-08	8MM CLAMP DOUBLE
CF1-09.5	9.5MM CLAMP DOUBLE
CF1-10	10MM CLAMP DOUBLE
CF2-12	12MM CLAMP DOUBLE
CF2-12.7	12.7MM CLAMP DOUBLE
CF2-14	14MM CLAMP DOUBLE
CF2-15	15MM CLAMP DOUBLE
CF2-16	16MM CLAMP DOUBLE
CF2-17.2	17.2MM CLAMP DOUBLE
CF2-18	18MM CLAMP DOUBLE
CF3-19	19MM CLAMP DOUBLE
CF3-20	20MM CLAMP DOUBLE
CF3-21.3	21.3MM CLAMP DOUBLE
CF3-22	22MM CLAMP DOUBLE
CF3-25.4	25MM CLAMP DOUBLE
CF4-26.9	26.9MM CLAMP DOUBLE
CF4-28	28MM CLAMP DOUBLE
CF4-30	30MM CLAMP DOUBLE
CF4-32	32MM CLAMP DOUBLE
CF4-35	35MM CLAMP DOUBLE
CF5-38	38MM CLAMP DOUBLE
CF5-42	42MM CLAMP DOUBLE

Hydraulic Tube



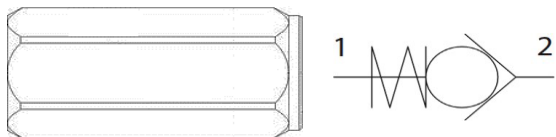
Metric

MSHT6X1	TUBE 6MM X 1MM ZINC PLATED
MSHT8X1.5	TUBE 8MM X 1.5MM ZINC PLATED
MSHT10X1.5	TUBE 10MM X 1.5MM ZINC PLATED
MSHT12X1.5	TUBE 12MM X 1.5MM ZINC PLATED
MSHT14X2	TUBE 14MM X 2MM ZINC PLATED
MSHT15X1.5	TUBE 15MM X 1.5MM ZINC PLATED
MSHT16X2	TUBE 16MM X 2.0MM ZINC PLATED
MSHT18X2	TUBE 18MM X 2.03MM ZINC PLATED
MSHT20X2.5	TUBE 20MM X 2.5MM ZINC PLATED
MSHT25X2.5	TUBE 25MM X 2.5MM ZINC PLATED

Imperial

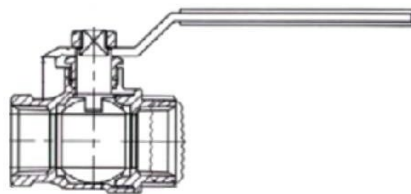
ISHT1/4"-20G	TUBE 1/4 X 0.91MM ZINC PLATED
ISHT3/8"-16G	TUBE 3/8 X 1.63MM ZINC PLATED
ISHT1/2"-16G	TUBE 1/2 X 1.63MM ZINC PLATED
ISHT5/8" 16G	TUBE 5/8 X 1.63MM ZINC PLATED
ISHT3/4" 14G	TUBE 3/4 X 2.03MM ZINC PLATED
ISHT3/4"12G	TUBE 3/4 X 2.64MM ZINC PLATED
ISHT1"16G	TUBE 1 X 1.63MM ZINC PLATED
ISHT1"12G	TUBE 1 X 2.64MM ZINC PLATED
ISHT1.1/4"16G	TUBE 1-1/4 X 1.63MM ZINC PLATE
ISHT1.1/4-12G	TUBE 1-1/4 X 2.64MM ZINC PLATE

BSPP Inline Check Valve



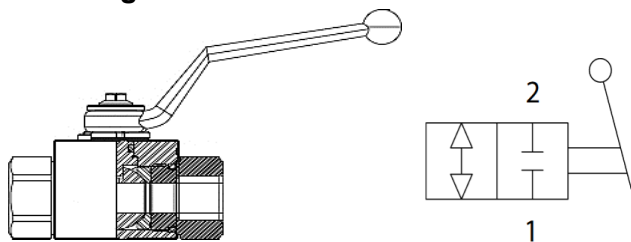
CV-02	1/8 CHECK VALVE
CV-04	1/4 CHECK VALVE
CV-06	3/8 CHECK VALVE
CV-08	1/2 CHECK VALVE
CV-12	3/4 CHECK VALVE
CV-16	1 CHECK VALVE
CV-20	1-1/4 CHECK VALVE
CV-24	1-1/2 CHECK VALVE

BSPP Low Pressure Ball Valve



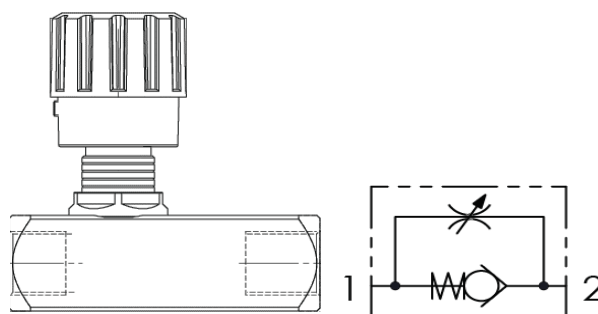
LPBV-04	1/4 BRASS BALL VALVE 40 BAR
LPBV-06	3/8 BRASS BALL VALVE 40 BAR
LPBV-08	1/2 BRASS BALL VALVE 40 BAR
LPBV-12	3/4 BRASS BALL VALVE 40 BAR
LPBV-16	1 BRASS BALL VALVE 40 BAR
LPBV-20	1-1/4 BRASS BALL VALVE 40 BAR
LPBV-24	1-1/2 BRASS BALL VALVE 40 BAR
LPBV-32	2 BRASS BALL VALVE 40 BAR

BSPP High Pressure Ball Valve



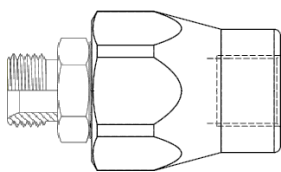
STBV-04	1/4 BALL VALVE 500 BAR
STBV-06	3/8 BALL VALVE 500 BAR
STBV-08	1/2 BALL VALVE 500 BAR
STBV-12	3/4 BALL VALVE 400 BAR
STBV-16	1 BALL VALVE 350 BAR
STBV-20	1-1/4 BALL VALVE 350 BAR
STBV-24	1-1/2 BALL VALVE 350 BAR

Flow Control Valve with Reverse Flow Check BSPP



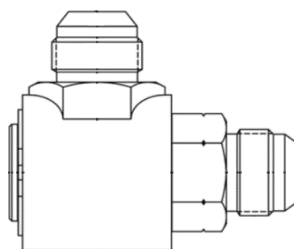
FCV-04	1/4 FLOW CONTROL VALVE CHECKED
FCV-06	3/8 FLOW CONTROL VALVE CHECKED
FCV-08	1/2 FLOW CONTROL VALVE CHECKED

BSPP Straight Rotating Coupling (Live Swivel)



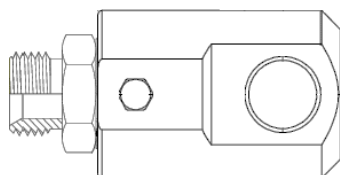
SWV-BPM-BPF-0404	1/4 BSPP M/F SWIVEL
SWV-BPM-BPF-0606	3/8 BSPP M/F SWIVEL
SWV-BPM-BPF-0808	1/2 BSPP M/F SWIVEL
SWV-BPM-BPF-1212	3/4 BSPP M/F SWIVEL
SWV-BPM-BPF-1616	1 BSPP M/F SWIVEL
SWV-BPM-BPF-2020	1-1/4 BSPP M/F SWIVEL

JIC 90° Rotating Coupling (Live Swivel)



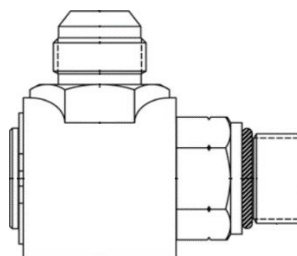
SWV-JIM-JIM-90C-0909	9/16" JIC 90° M/M SWIVEL
SWV-JIM-JIM-90C-1212	3/4" JIC 90° M/M SWIVEL
SWV-JIM-JIM-90C-1414	7/8" JIC 90° M/M SWIVEL
SWV-JIM-JIM-90C-1717	1-1/16" JIC 90° M/M SWIVEL
SWV-JIM-JIM-90C-2121	1-5/16" JIC 90° M/M SWIVEL

BSPP 90° Rotating Coupling (Live Swivel)



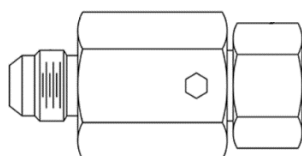
SWV-BPM-BPF-90C-0404	1/4 BSPP 90° M/F SWIVEL
SWV-BPM-BPF-90C-0606	3/8 BSPP 90° M/F SWIVEL
SWV-BPM-BPF-90C-0808	1/2 BSPP 90° M/F SWIVEL
SWV-BPM-BPF-90C-1212	3/4 BSPP 90° M/F SWIVEL
SWV-BPM-BPF-90C-1616	1 BSPP 90° M/F SWIVEL
SWV-BPM-BPF-90C-2020	1-1/4 BSPP 90° M/F SWIVEL

JIC x UNO 90° Rotating Coupling (Live Swivel)



SWV-JIM-UNM-90C-0909	9/16" JICM x UNOM 90° SWIVEL
SWV-JIM-UNM-90C-1212	3/4" JICM x UNOM 90° SWIVEL
SWV-JIM-UNM-90C-1414	7/8" JICM x UNOM 90° SWIVEL
SWV-JIM-UNM-90C-1717	1-1/16" JICM x UNOM 90° SWIVEL
SWV-JIM-UNM-90C-2121	1-5/16" JICM x UNOM 90° SWIVEL

JIC Straight Rotating Coupling (Live Swivel)



SWV-JIM-JIF-0909	9/16" JIC M/F SWIVEL
SWV-JIM-JIF-1212	3/4" JIC M/F SWIVEL
SWV-JIM-JIF-1414	7/8" JIC M/F SWIVEL
SWV-JIM-JIF-1717	1 1/16" JIC M/F SWIVEL
SWV-JIM-JIF-2121	1-5/16" JIC M/F SWIVEL

Seal Kits For Rotating Coupling (Live Swivel) (JIC Swivels Only)

S6-1	9/16" SEAL KIT
S8-1	3/4" SEAL KIT
S16-1	1-5/16" SEAL KIT
9S6-1	9/16" 90° SEAL KIT
9S8-1	3/4" 90° SEAL KIT
9S12-1	1-1/16" 90° SEAL KIT
9S16-1	1-5/16" 90° SEAL KIT

Spiral Guard



AVAILABLE IN 20MT BOXES (COLOURS P.O.A)	
SG-10	10mm Pigs Tail Black (50mt box)
SG-12	12mm Pigs Tail Black
SG-16	16mm Pigs Tail Black
SG-20	20mm Pigs Tail Black
SG-25	25mm Pigs Tail Black
SG-32	32mm Pigs Tail Black
SG-40	40mm Pigs Tail Black
SG-50	50mm Pigs Tail Black
SG-63	63mm Pigs Tail Black (10mt box)
SG-75	75mm Pigs Tail Black (12mt box)
SG-90	90mm Pigs Tail Black (10mt box)

Spring Guard



AVAILABLE IN 6MT LENGTHS	
SPRING-6.4	SPING GUARD 6.4MM ID (3MT)
SPRING-17	SPING GUARD 17MM ID
SPRING-21	SPING GUARD 21MM ID
SPRING-23	SPING GUARD 23MM ID
SPRING-27	SPING GUARD 27MM ID
SPRING-31	SPING GUARD 31MM ID
SPRING-34	SPING GUARD 34MM ID
SPRING-41	SPING GUARD 41MM ID
SPRING-49	SPING GUARD 49MM ID
SPRING-56	SPING GUARD 56MM ID (3MT)
SPRING-61	SPING GUARD 61MM ID (3MT)
SPRING-68	SPING GUARD 68MM ID (3MT)
SPRING-75	SPING GUARD 75MM ID (3MT)

Anti-Abrasion Burst Sleeve



AVAILABLE IN CUT OR 50MT LENGTHS	
HS-20	20mm Burst Sleeve 10mm ID
HS-25	25mm Burst Sleeve 14mm ID
HS-31	31mm Burst Sleeve 17mm ID
HS-36	36mm Burst Sleeve 20mm ID
HS-40	40mm Burst Sleeve 23mm ID
HS-45	45mm Burst Sleeve 25mm ID
HS-50	50mm Burst Sleeve 31mm ID
HS-55	55mm Burst Sleeve 36mm ID
HS-65	65mm Burst Sleeve 40mm ID
HS-71	71mm Burst Sleeve 44mm ID
HS-85	85mm Burst Sleeve 53mm ID
HS-93	93mm Burst Sleeve 56mm ID
HS-104	104mm Burst Sleeve 66mm ID
HS-110	110mm Burst Sleeve 72mm ID
HS-120	120mm Burst Sleeve 78mm ID
HS-145	145mm Burst Sleeve 90mm ID
HS-176	176mm Burst Sleeve 112mm ID

Waterproof Velcro Fast Sleeve



AVAILABLE IN 25MT LENGTHS	
WFS-12	Waterproof Fast Sleeve 12mm ID
WFS-16	Waterproof Fast Sleeve 16mm ID
WFS-20	Waterproof Fast Sleeve 20mm ID
WFS-25	Waterproof Fast Sleeve 25mm ID
WFS-30	Waterproof Fast Sleeve 30mm ID
WFS-40	Waterproof Fast Sleeve 40mm ID
WFS-50	Waterproof Fast Sleeve 50mm ID
WFS-60	Waterproof Fast Sleeve 60mm ID

Fire Proof Sleeve



AVAILABLE IN CUT OR 20MT LENGTHS

FS-20	Fire Proof Sleeve 20mm ID
FS-25	Fire Proof Sleeve 25mm ID
FS-30	Fire Proof Sleeve 30mm ID
FS-40	Fire Proof Sleeve 40mm ID
FS-50	Fire Proof Sleeve 50mm ID

Service Plug Kits



SP-001	SERVICE PLUG KIT - 1 TO 10 (20 PCE)
SP-002	SERVICE PLUG KIT - 5 TO 22 (10 PCE)
SP-003	SERVICE PLUG KIT - 13 TO 42 (4 PCE)
SP-004	SERVICE PLUG KIT - MIX 10 PCE

PVC P-Clamp



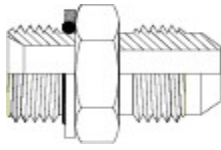
RCPP-06.3	6.3mm (1/4") P-Clamp PVC - 19mm Band
RCPP-09.6	9.6mm (3/8") P-Clamp PVC - 19mm Band
RCPP-11.1	11.1mm (7/16") P-Clamp PVC - 19mm Band
RCPP-12.7	12.7mm (1/2") P-Clamp PVC - 19mm Band
RCPP-14.3	14.3mm (9/16") P-Clamp PVC - 19mm Band
RCPP-15.9	15.9mm (5/8") P-Clamp PVC - 19mm Band
RCPP-17.5	17.5mm (11/16") P-Clamp PVC - 19mm Band
RCPP-19.1	19.1mm (3/4") P-Clamp PVC - 19mm Band
RCPP-20.6	20.6mm (13/16") P-Clamp PVC - 19mm Band
RCPP-23.9	23.9mm (15/16") P-Clamp PVC - 19mm Band
RCPP-25.4	25.4mm (1") P-Clamp PVC - 19mm Band
RCPP-28.7	28.7mm (1-1/8") P-Clamp PVC - 25mm Band
RCPP-30.2	30.2mm (1-3/16") P-Clamp PVC - 25mm Band
RCPP-31.8	31.8mm (1-1/4") P-Clamp PVC - 25mm Band
RCPP-33.3	33.3mm (1-5/16") P-Clamp PVC - 25mm Band
RCPP-36.5	36.5mm (1-7/16") P-Clamp PVC - 25mm Band
RCPP-38.1	38.1mm (1-1/2") P-Clamp PVC - 25mm Band
RCPP-39.7	39.7mm (1-9/16") P-Clamp PVC - 25mm Band
RCPP-44.5	44.5mm (1-3/4") P-Clamp PVC - 25mm Band
RCPP-46.0	46.0mm (1-13/16") P-Clamp PVC - 25mm Band
RCPP-50.8	50.8mm (2") P-Clamp PVC - 25mm Band
RCPP-52.4	52.4mm (2-1/16") P-Clamp PVC - 25mm Band
RCPP-57.2	57.2mm (2-1/4") P-Clamp PVC - 25mm Band
RCPP-63.5	63.5mm (2-1/2") P-Clamp PVC - 25mm Band
RCPP-66.7	66.7mm (2-5/8") P-Clamp PVC - 25mm Band
RCPP-69.9	69.9mm (2-3/4") P-Clamp PVC - 25mm Band
RCPP-73.0	73.0mm (2-7/8") P-Clamp PVC - 25mm Band
RCPP-90.5	90.5mm (3-9/16") P-Clamp PVC - 25mm Band

A technical line drawing of a mechanical assembly, possibly a pump or valve, rendered in white lines on a dark gray background. The drawing shows a complex structure with various cylindrical and rectangular components, some with internal details like threads or slots. Dashed lines indicate hidden or internal parts of the assembly. The overall style is that of a technical sketch or a simplified 3D model.

STAINLESS STEEL

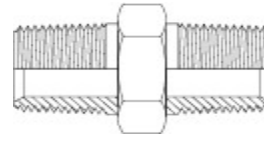
Straight Adaptors

BSPP Male x JIC Male Nipple S/S



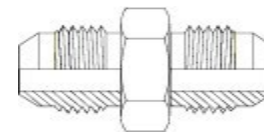
SA10500407	1/4 BSPPM x 7/16 JICM SS
SA10500409	1/4 BSPPM x 9/16 JICM SS
SA10500609	3/8 BSPPM x 9/16 JICM SS
SA10500612	3/8 BSPPM x 3/4 JICM SS
SA10500807	1/2 BSPPM x 7/16 JICM SS
SA10500809	1/2 BSPPM x 9/16 JICM SS
SA10500812	1/2 BSPPM X 3/4 JICM SS
SA10500814	1/2 BSPPM X 7/8 JICM SS
SA10501214	3/4 BSPPM x 7/8 JICM SS
SA10501217	3/4 BSPPM x 1-1/16 JICM SS
SA10501621	1 BSPPM x 1-5/16 JICM SS

BSPT Male x BSPT Male Nipple S/S



SA22220404	1/4 BSPTM x 1/4 BSPTM SS
SA22220606	3/8 BSPTM x 3/8 BSPTM SS
SA22220808	1/2 BSPTM x 1/2 BSPTM SS
SA22221212	3/4 BSPTM x 3/4 BSPTM SS
SA22221616	1 BSPTM x 1 BSPTM SS
SA22222020	1-1/4 BSPTM x 1-1/4 BSPTM SS

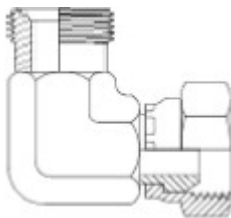
JIC Male x JIC Male Nipple S/S



SA50500707	7/16 JICM x 7/16 JICM SS
SA50500909	9/16 JICM x 9/16 JICM SS
SA50501212	3/4 JICM x 3/4 JICM SS
SA50501414	7/8 JICM x 7/8 JICM SS
SA50501717	1-1/16 JICM x 1-1/16 JICM SS
SA50502121	1-5/16 JICM x 1-5/16 JICM SS

90 Degree

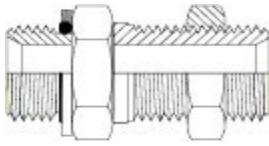
BSPP Male x BSPP Female Swivel 90 Degree S/S



SB10170404	1/4 BSPPM x 1/4 BSPFS 90° SS
SB10170606	3/8 BSPPM x 3/8 BSPFS 90° SS
SB10170808	1/2 BSPPM x 1/2 BSPFS 90° SS
SB10171212	3/4 BSPPM x 3/4 BSPFS 90° SS
SB10171616	1 BSPPM x 1 BSPFS 90° SS

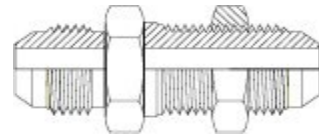
Bulkhead

BSPP Male x BSPP Bulkhead S/S



SA10250404	1/4 BSPP Bulkhead SS
SA10250606	3/8 BSPP Bulkhead SS
SA10250808	1/2 BSPP Bulkhead SS
SA10251212	3/4 BSPP Bulkhead SS
SA10251616	1 BSPP Bulkhead SS

JIC Male x JIC Male Bulkhead SS



SA50510707	7/16 JICM Bulkhead SS
SA50510909	9/16 JICM Bulkhead SS
SA50511212	3/4 JICM Bulkhead SS
SA50511414	7/8 JICM Bulkhead SS
SA50511717	1-1/16 JICM Bulkhead SS
SA50512121	1-5/16 JICM Bulkhead SS

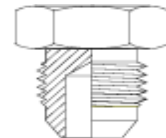
Caps & Plugs

JIC Female Cap S/S



SF5407	7/16 JICF Cap SS
SF5409	9/16 JICF Cap SS
SF5412	3/4 JICF Cap SS
SF5414	7/8 JICF Cap SS
SF5417	1-1/16 JICF Cap SS
SF5421	1-5/16 JICF Cap SS

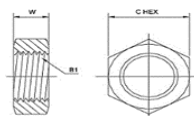
JIC Male Plug SS



SF5007	7/16 JICM Plug SS
SF5009	9/16 JICM Plug SS
SF5012	3/4 JICM Plug SS
SF5014	7/8 JICM Plug SS
SF5017	1-1/16 JICM Plug SS
SF5021	1-5/16 JICM Plug SS

Associated Items

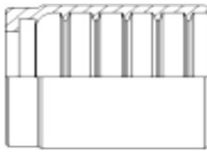
BSP Locknut S/S



S-BLN-04	1/4 BSP Lock Nut SS
S-BLN-06	3/8 BSP Lock Nut SS
S-BLN-08	1/2 BSP Lock Nut SS
S-BLN-12	3/4 BSP Lock Nut SS
S-BLN-16	1 BSP Lock Nut SS

Ferrules

S/S Ferrule for SAE 100R2AT / EN853 Hose



S-SN02-04	1/4 Swage Ferrule R2AT SS
S-SN02-06	3/8 Swage Ferrule R2AT SS
S-SN02-08	1/2 Swage Ferrule R2AT SS
S-SN02-12	3/4 Swage Ferrule R2AT SS
S-SN02-16	1 Swage Ferrule R2AT SS
S-SN02-20	1-1/4 Swage Ferrule R2AT SS

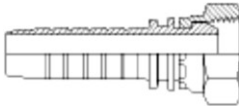
Ferrule for SAE 100R14 Teflon Hose



FR14-04	1/4 Teflon Ferrule SS
FR14-06	3/8 Teflon Ferrule SS
FR14-08	1/2 Teflon Ferrule SS
FR14-10	5/8 Teflon Ferrule SS
FR14-12	3/4 Teflon Ferrule SS
FR14-16	1 Teflon Ferrule SS

Two Piece Hosetails

S/S BSPP Female Swivel to R1/R2 Hose



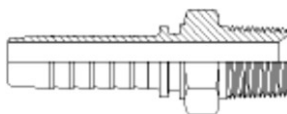
SA02170404	1/4 Tail x 1/4 BSPF SS
SA02170606	3/8 Tail x 3/8 BSPFS SS
SA02170808	1/2 Tail x 1/2 BSPF SS
SA02171212	3/4 Tail x 3/4 BSPF SS
SA02171216	3/4 Tail x 1 BSPF SS
SA02171616	1 Tail x 1 BSPF SS
SA02172020	1-1/4 Tail x 1-1/4 BSPFS SS

S/S JIC Female Swivel to R1/R2 Hose



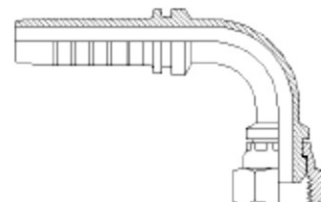
SA02530407	1/4 Tail x 7/16 JICF SS
SA02530409	1/4 Tail x 9/16 JICFS SS
SA02530609	3/8 Tail x 9/16 JICF SS
SA02530612	3/8 Tail x 3/4 JICF SS
SA02530812	1/2 Tail x 3/4 JICF SS
SA02530814	1/2 Tail x 7/8 JICF SS
SA02531014	5/8 Tail x 7/8 JICF SS
SA02531217	3/4 Tail x 1-1/16 JICF SS
SA02531621	1 Tail x 1-5/16 JICF SS

S/S BSPT Male to R1/R2 Hose



SA02220404	1/4 Tail x 1/4 BSPTM SS
SA02220606	3/8 Tail x 3/8 BSPTM SS
SA02220808	1/2 Tail x 1/2 BSPTM SS
SA02221212	3/4 Tail x 3/4 BSPTM SS
SA02221216	3/4 Tail x 1 BSPTM SS
SA02221616	1 Tail x 1 BSPTM SS

SS BSPP Female Swivel 90 Swept to R1/R2 Hose



SG02170404	1/4 Tail x 1/4 BSPFS 90° SS
SG02170606	3/8 Tail x 3/8 BSPFS 90° SS
SG02170808	1/2 Tail x 1/2 BSPFS 90° SS
SG02171212	3/4 Tail x 3/4 BSPFS 90° SS
SG02171616	1 Tail x 1 BSPFS 90° SS



HYDRAULIC HOSE

Hydraulic Hose

GATES PRO SERIES CR1 (SAE 100 R1AT - EN 853 1SN)



Cover	Black, abrasion resistant, synthetic rubber
Reinforcement	One braid of high-tensile steel wire
Temperature	-40°C to 100°C (-40°F to 212°F)
Standards / Approvals	▪ Meets or exceeds SAE 100R1AT; EN 853 1SN DIN 20022 1SN ▪ Meets Higher EN/DIN Pressures / Meets Flame Resistance USMSHA

PART NUMBER	HOSE SIZE (ID)	WORKING PRESSURE	BURST PRESSURE	MIN BEND RADIUS
CR1-04	1/4" (6.4mm)	3275 PSI / 225 BAR	13100 PSI / 900 BAR	101.6 mm
CR1-06	3/8" (9.5mm)	2600 PSI / 180 BAR	10400 PSI / 718 BAR	129.54 mm
CR1-08	1/2" (12.7mm)	2325 PSI / 160 BAR	9300 PSI / 641 BAR	177.8 mm
CR1-10	5/8" (15.9mm)	1900 PSI / 131 BAR	7600 PSI / 524 BAR	205.74 mm
CR1-12	3/4" (19mm)	1525 PSI / 105 BAR	6100 PSI / 420 BAR	241.3 mm
CR1-16	1" (25.4mm)	1250 PSI / 86 BAR	5000 PSI / 345 BAR	299.72 mm

GATES G1 (SAE 100 R1AT - EN 853 1SN)



Cover	Black, abrasion resistant, synthetic rubber
Reinforcement	One braid of high-tensile steel wire
Temperature	-40°C to 100°C (-40°F to 212°F)
Standards / Approvals	▪ Meets or exceeds SAE 100R1AT; EN 853 1SN DIN 20022 1SN ▪ Meets Higher EN/DIN Pressures / Meets Flame Resistance USMSHA

PART NUMBER	HOSE SIZE (ID)	WORKING PRESSURE	BURST PRESSURE	MIN BEND RADIUS
CR1-20	1-1/4" (31.7mm)	925 PSI / 63 BAR	3700 PSI / 255 BAR	406.4 mm
CR1-24	1-1/2" (38.1mm)	725 PSI / 50 BAR	2900 PSI / 200 BAR	508 mm
CR1-32	2" (50.8mm)	600 PSI / 41 BAR	2400 PSI / 166 BAR	635 mm



GATES PRO SERIES CR2 (SAE 100 R2AT - EN 853 2SN)



Cover	Black, abrasion resistant, synthetic rubber
Reinforcement	Two braids of high-tensile steel wire
Temperature	-40°C to 100°C (-40°F to 212°F)
Standards / Approvals	▪ Meets or exceeds SAE 100R2AT; EN 853 2SN DIN 20022 2SN ▪ Meets Higher EN/DIN Pressures / Meets Flame Resistance USMSHA

PART NUMBER	HOSE SIZE (ID)	WORKING PRESSURE	BURST PRESSURE	MIN BEND RADIUS
CR2-04	1/4" (6.4mm)	5800 PSI / 400 BAR	23200 PSI / 1600 BAR	101.6 mm
CR2-06	3/8" (9.5mm)	4800 PSI / 330 BAR	19200 PSI / 1320 BAR	129.54 mm
CR2-08	1/2" (12.7mm)	4000 PSI / 275 BAR	16000 PSI / 1100 BAR	177.8 mm
CR2-10	5/8" (15.9mm)	3625 PSI / 250 BAR	14500 PSI / 1000 BAR	205.74 mm
CR2-12	3/4" (19mm)	3125 PSI / 215 BAR	12500 PSI / 850 BAR	241.3 mm
CR2-16	1" (25.4mm)	2400 PSI / 165 BAR	9600 PSI / 660 BAR	299.72 mm

GATES G2 (SAE 100 R2AT - EN 853 2SN)



Cover	Black, abrasion resistant, synthetic rubber
Reinforcement	Two braids of high-tensile steel wire
Temperature	-40°C to 100°C (-40°F to 212°F)
Standards / Approvals	▪ Meets or exceeds SAE 100R2AT; EN 853 2SN DIN 20022 2SN ▪ Meets Higher EN/DIN Pressures / Meets Flame Resistance USMSHA

PART NUMBER	HOSE SIZE (ID)	WORKING PRESSURE	BURST PRESSURE	MIN BEND RADIUS
CR2-20	1-1/4" (31.7mm)	1825 PSI / 125 BAR	7300 PSI / 503 BAR	419.1 mm
CR2-24	1-1/2" (38.1mm)	1300 PSI / 90 BAR	5200 PSI / 358 BAR	508 mm
CR2-32	2" (50.8mm)	1175 PSI / 81 BAR	4700 PSI / 324 BAR	635 mm

GATES M3K (SAE 100 R17)



Cover	Black, abrasion resistant, synthetic rubber
Reinforcement	One braid of high-tensile steel wire (-04 to -08) Two braids of high-tensile steel wire (-10 to -16)
Temperature	-40°C to 100°C (-40°F to 212°F)
Standards / Approvals	▪ Meets or exceeds SAE 100R17; ISO 18752 Grade B; ISO 11237 R17 ▪ Meets Flame Resistance USMSHA ▪ Meets minimum bend radius of EN 857 1SC

PART NUMBER	HOSE SIZE (ID)	WORKING PRESSURE	BURST PRESSURE	MIN BEND RADIUS
R17-04	1/4" (6.4mm)	3275 PSI / 225 BAR	13000 PSI / 896 BAR	38.1 mm
R17-06	3/8" (9.5mm)	3275 PSI / 225 BAR	13000 PSI / 896 BAR	50.8 mm
R17-08	1/2" (12.7mm)	3275 PSI / 225 BAR	13000 PSI / 896 BAR	71.12 mm
R17-10	5/8" (15.9mm)	3275 PSI / 225 BAR	13000 PSI / 896 BAR	76.6 mm
R17-12	3/4" (19mm)	3275 PSI / 225 BAR	13000 PSI / 896 BAR	96.52 mm
R17-16	1" (25.4mm)	3275 PSI / 225 BAR	13000 PSI / 896 BAR	114.3 mm

GATES MXT (SAE 100 R16)

ONLY SOLD IN FULL REEL LENGTHS



Cover	Black, abrasion resistant, synthetic rubber
Reinforcement	Patent-Pending, Gates Engineered, one braid of high-tensile steel wire
Temperature	-40°C to 100°C (-40°F to 212°F)
Standards / Approvals	▪ Meets SAE 100R16 & 100R17 dimensions and performance ▪ Meets or exceeds SAE 100R17 (-06, -08, -10, & -12) ▪ Meets SAE 100R2, EN 853 2SN, and EN 857 2SC performance ▪ Significantly tighter bend radius than all SAE specs listed above.

PART NUMBER	HOSE SIZE (ID)	WORKING PRESSURE	BURST PRESSURE	MIN BEND RADIUS
4MXT	1/4" (6.4mm)	6000 PSI / 414 BAR	24000 PSI / 1655 BAR	38.1 mm
6MXT	3/8" (9.5mm)	4800 PSI / 330 BAR	19200 PSI / 1320 BAR	63.5 mm
8MXT	1/2" (12.7mm)	4000 PSI / 275 BAR	16000 PSI / 1100 BAR	69.85 mm
10MXT	5/8" (15.9mm)	3625 PSI / 250 BAR	14500 PSI / 1000 BAR	76.2 mm
12MXT	3/4" (19mm)	3125 PSI / 215 BAR	12500 PSI / 850 BAR	120.65 mm
16MXT	1" (25.4mm)	2400 PSI / 165 BAR	9600 PSI / 660 BAR	152.4 mm

Email | sales@perfectcircle.nz

Phone | (09) 9631859

Prices subject to change without notice



GATES CLEAN MASTER PLUS 6000 (Pressure Wash)



Cover	Smooth non-marking blue, abrasion resistant, modified Nitrile - Type C2
Reinforcement	High-tensile steel wire braid
Temperature	-40°C to 150°C (-40°F to 302°F)
Standards / Approvals	▪ Meets or exceeds EN1829-2 ▪ Meets MSHA flame-resistance

PART NUMBER	HOSE SIZE (ID)	WORKING PRESSURE	BURST PRESSURE	MIN BEND RADIUS
PW6K-06	3/8" (9.5mm)	6000 PSI / 420 BAR	18000 PSI / 1242 BAR	63.5 mm

GATES MXG4K-XTP (ISOBARIC 4K PRESSURE)



Cover	Smooth cover black, XtraTuff Plus abrasion resistant, synthetic rubber
Reinforcement	Xpiral woven spiral construction with four layers of high-tensile steel wire reinforcement
Temperature	-40°C to 121°C (-40°F to 250°F)
Standards / Approvals	▪ Exceeds all criteria of ISO 18752 280DC and SAE 100R19 ▪ Exceeds performance criteria of SAE 100R12, EN 856 R12, ISO 3862 R12 (Size -16 also exceeds EN 856 4SP performance requirements) ▪ Meets MSHA flame-resistance & FRAS rated

PART NUMBER	HOSE SIZE (ID)	WORKING PRESSURE	BURST PRESSURE	MIN BEND RADIUS
12MXG4K	3/4" (19mm)	4000 PSI / 276 BAR	16000 PSI / 1103 BAR	120 mm
16MXG4K	1" (25.4mm)	4000 PSI / 276 BAR	16000 PSI / 1103 BAR	150 mm

GATES EFG4K (ISOBARIC 4K PRESSURE)



Cover	Black, oil resistant, synthetic rubber (Polychloroprene - Type A)
Reinforcement	Four alternating layers of spiralled high-tensile steel wire
Temperature	-40°C to 121°C (-40°F to 250°F)
Standards / Approvals	▪ Exceeds ISO 18752 Grade D, SAE 100R12, EN856 R12 ▪ Meets Flame Resistance USMSHA

PART NUMBER	HOSE SIZE (ID)	WORKING PRESSURE	BURST PRESSURE	MIN BEND RADIUS
R4K-06G	3/8" (9.5mm)	4000 PSI / 276 BAR	16000 PSI / 1103 BAR	63.5 mm
R4K-08G	1/2" (12.7mm)	4000 PSI / 276 BAR	16000 PSI / 1103 BAR	88.9 mm
R4K-10G	5/8" (15.9mm)	4000 PSI / 276 BAR	16000 PSI / 1103 BAR	101.6 mm
R4K-12G	3/4" (19mm)	4000 PSI / 276 BAR	16000 PSI / 1103 BAR	119.38 mm
R4K-16G	1" (25.4mm)	4000 PSI / 276 BAR	16000 PSI / 1103 BAR	152.4 mm
R4K-20G	1-1/4" (31.7mm)	4000 PSI / 276 BAR	16000 PSI / 1103 BAR	208.28 mm

GATES EFG6K (ISOBARIC 6K PRESSURE)



Cover	Black, oil resistant, synthetic rubber (Polychloroprene - Type A)
Reinforcement	Four alternating layers of spiralled high-tensile steel wire (-08 to -16) Six alternating layers of spiralled high-tensile steel wire (-20 to -32)
Temperature	-40°C to 121°C (-40°F to 250°F)
Standards / Approvals	▪ Exceeds SAE 100R15, EN 856 4SP (-8 to -12), EN 856 4SH (-12 to -20), and ISO 3862 Type R15 (-8 to -24) ▪ Meets Flame Resistance USMSHA

PART NUMBER	HOSE SIZE (ID)	WORKING PRESSURE	BURST PRESSURE	MIN BEND RADIUS
R6K-06G	3/8" (9.5mm)	6000 PSI / 414 BAR	24000 PSI / 1655 BAR	63.5 mm
R6K-08G	1/2" (12.7mm)	6000 PSI / 414 BAR	24000 PSI / 1655 BAR	88.9 mm
R6K-10G	5/8" (15.9mm)	6000 PSI / 414 BAR	24000 PSI / 1655 BAR	101.6 mm
R6K-12G	3/4" (19mm)	6000 PSI / 414 BAR	24000 PSI / 1655 BAR	119.38 mm
R6K-16G	1" (25.4mm)	6000 PSI / 414 BAR	24000 PSI / 1655 BAR	152.4 mm
R6K-20G	1-1/4" (31.7mm)	6000 PSI / 414 BAR	24000 PSI / 1655 BAR	208.28 mm
R6K-24G	1-1/2" (38.1mm)	6000 PSI / 414 BAR	24000 PSI / 1655 BAR	254 mm
R6K-32G	2" (50.8mm)	6000 PSI / 414 BAR	24000 PSI / 1655 BAR	635 mm



GATES MULTIMASTER GMV (SAE 100 R4)



Cover	Type A (Polychloroprene). Black, corrugated
Reinforcement	High tensile textile plies, helix wire embedded
Inner Tube	Type C (Nitrile). Black
Temperature	-40°C to 135°C (-40°F to 275°F)
Standards / Approvals	Meets or exceeds SAE 100R4, SAE J30R5 & SAE J20R5 Warning: Do not convey fuels over +49°C (+120°F) & coolant applications (20R5) max temperature is +100°C (+212°F)

PART NUMBER	HOSE SIZE (ID)	WORKING PRESSURE	BURST PRESSURE	MIN BEND RADIUS
12GMV	3/4" (19mm)	350 PSI / 24 BAR	1400 PSI / 96 BAR	20.32 mm
16GMV	1" (25.4mm)	300 PSI / 21 BAR	1200 PSI / 84 BAR	25.4 mm
20GMV	1-1/4" (31.7mm)	250 PSI / 17 BAR	1000 PSI / 70 BAR	33.02 mm
24GMV	1-1/2" (38.1mm)	160 PSI / 11 BAR	600 PSI / 42 BAR	38.1 mm
32GMV	2" (50.8mm)	150 PSI / 10 BAR	600 PSI / 42 BAR	50.8 mm
40GMV	2-1/2" (63.5mm)	150 PSI / 10 BAR	600 PSI / 42 BAR	63.5 mm

GATES MEGATECH 10000 (HIGH TEMP OIL / AIR BRAKE)

ONLY SOLD IN FULL REEL LENGTHS



Cover	Oil and mildew resistant, textile braid, impregnated with synthetic rubber
Reinforcement	One braid of high-tensile steel wire
Inner Tube	Black tube compounded for temperature and chemical resistance (CPE)
Temperature	-40°C to 149°C (-40°F to 300°F)
Standards / Approvals	Meets requirements DOT FMVSS 106-74, SAE J1402 (-04, -06, -08, -10). Warning: Not recommended for gasoline or diesel fuel applications

PART NUMBER	HOSE SIZE (ID)	WORKING PRESSURE	BURST PRESSURE	MIN BEND RADIUS
4MEGATECH 1000	1/4" (6.4mm)	1000 PSI / 70 BAR	4000 PSI / 276 BAR	50.8 mm
6MEGATECH 1000	3/8" (9.5mm)	1000 PSI / 70 BAR	4000 PSI / 276 BAR	63.5 mm
8MEGATECH 1000	1/2" (12.7mm)	1000 PSI / 70 BAR	4000 PSI / 276 BAR	88.9 mm
10MEGATECH 1000	5/8" (15.9mm)	1000 PSI / 70 BAR	4000 PSI / 276 BAR	101.6 mm
12MEGATECH 1000	3/4" (19mm)	1000 PSI / 70 BAR	4000 PSI / 276 BAR	119.38 mm
16MEGATECH 1000	1" (25.4mm)	1000 PSI / 70 BAR	4000 PSI / 276 BAR	152.4 mm
20MEGATECH 1000	1-1/4" (31.7mm)	1000 PSI / 70 BAR	4000 PSI / 276 BAR	215.9 mm

SAE 100 R4 (SUCTION /DELIVERY)



Cover	Black synthetic rubber
Reinforcement	High tensile textile plies, helix wire embedded.
Inner Tube	Black smooth rubber, suitable for hydraulic oils & fuel with aromatic content < 40%.
Temperature	-40°C to 100°C
Standards / Approvals	▪ Meets or exceeds SAE 100R4

PART NUMBER	HOSE SIZE (ID)	WORKING PRESSURE	BURST PRESSURE	MIN BEND RADIUS
R4-12	3/4" (19mm)	300 PSI / 21 BAR	1220 PSI / 84 BAR	125 mm
R4-16	1" (25.4mm)	250 PSI / 17 BAR	1010 PSI / 70 BAR	150 mm
R4-20	1-1/4" (31.7mm)	200 PSI / 14 BAR	810 PSI / 56 BAR	200 mm
R4-24	1-1/2" (38.1mm)	140 PSI / 10 BAR	610 PSI / 42 BAR	255 mm
R4-32	2" (50.8mm)	100 PSI / 7 BAR	410 PSI / 28 BAR	300 mm
R4-40	2-1/2" (63.5mm)	62 PSI / 4 BAR	250 PSI / 17 BAR	355 mm

SAE 100 R5 (BLUE HIGH TEMP OIL / AIR BRAKE)



Cover	Blue, polyester/textile braid impregnated with rubber
Reinforcement	One braid textile, one braid steel
Temperature	-40°C to 150°C (-40°F to 302°F) / Air Brake Application: -40°C to 93°C
Standards / Approvals	▪ Meets or exceeds SAE 100R5; SAE J1402 Type All, Dot FMVSS 106 Type All

PART NUMBER	HOSE SIZE (ID)	WORKING PRESSURE	BURST PRESSURE	MIN BEND RADIUS
R5-04	3/16" (4.8mm)	3000 PSI / 207 BAR	12000 PSI / 828 BAR	76 mm
R5-05	1/4" (6.4mm)	3000 PSI / 207 BAR	12000 PSI / 828 BAR	86 mm
R5-06	5/16" (7.9mm)	2250 PSI / 155 BAR	9000 PSI / 620 BAR	102 mm
R5-08	13/32" (10.3mm)	2000 PSI / 139 BAR	8000 PSI / 556 BAR	117 mm
R5-10	1/2" (12.7mm)	1750 PSI / 121 BAR	7000 PSI / 484 BAR	140 mm
R5-12	5/8" (15.9mm)	1500 PSI / 103 BAR	6000 PSI / 412 BAR	165 mm
R5-16	7/8" (22.2mm)	800 PSI / 55 BAR	3200 PSI / 220 BAR	187 mm

GATES LOLA (PUSH LOCK)

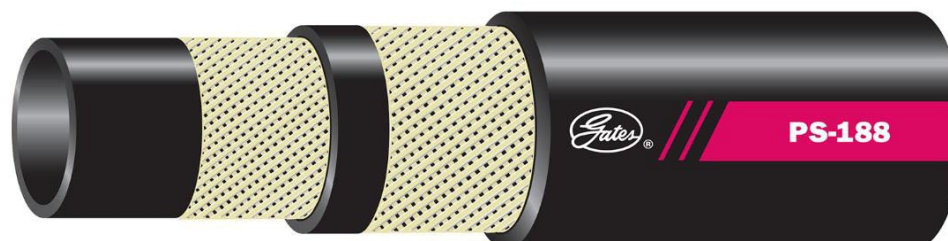


Cover	Black Polychloroprene synthetic rubber
Reinforcement	One braid of fiber braid
Temperature	-40°C to 100°C (-40°F to 212°F). Air to +71°C (+160°F) only
Standards / Approvals	Meets Flame Resistance MSHA 2G Warning: Do not use for gasoline or diesel fuels, unless approved by Gates H/C Product Application

PART NUMBER	HOSE SIZE (ID)	WORKING PRESSURE	BURST PRESSURE	MIN BEND RADIUS
LOLA-04	1/4" (6.4mm)	300 PSI / 21 BAR	1200 PSI / 83 BAR	76 mm
LOLA-05	5/16" (8mm)	300 PSI / 21 BAR	1200 PSI / 83 BAR	76 mm
LOLA-06	3/8" (9.5mm)	300 PSI / 21 BAR	1200 PSI / 83 BAR	76 mm
LOLA-08	1/2" (12.7mm)	300 PSI / 21 BAR	1200 PSI / 83 BAR	127 mm
LOLA-10	5/8" (15.9mm)	300 PSI / 21 BAR	1200 PSI / 83 BAR	152 mm
LOLA-12	3/4" (19mm)	300 PSI / 21 BAR	1200 PSI / 83 BAR	177 mm

GATES PS188 (POWER STEERING)

ONLY SOLD IN FULL BOX LENGTH



Cover	Black, synthetic rubber to resist under hood environment (CSM)
Reinforcement	Two high strength nylon braids that resist high temperatures and allow for expansion for system noise dampening
Temperature	-40°C to 150°C (-40°F to 300°F)
Standards / Approvals	Designed to meet requirements of SAE J2050 specifications

PART NUMBER	HOSE SIZE (ID)	WORKING PRESSURE	BURST PRESSURE	MIN BEND RADIUS
6PS-188	3/8" (9.5mm)	1500 PSI / 103 BAR	6000 PSI / 412 BAR	82.55 mm

MULTIPURPOSE



Cover	Red smooth extruded rubber
Reinforcement	Braided synthetic cord
Inner Tube	Black smooth Nitrile rubber, resistant to 55% aromatic content Electronically non-conductive (Alcoa approved)
Temperature	-25°C to 100°C

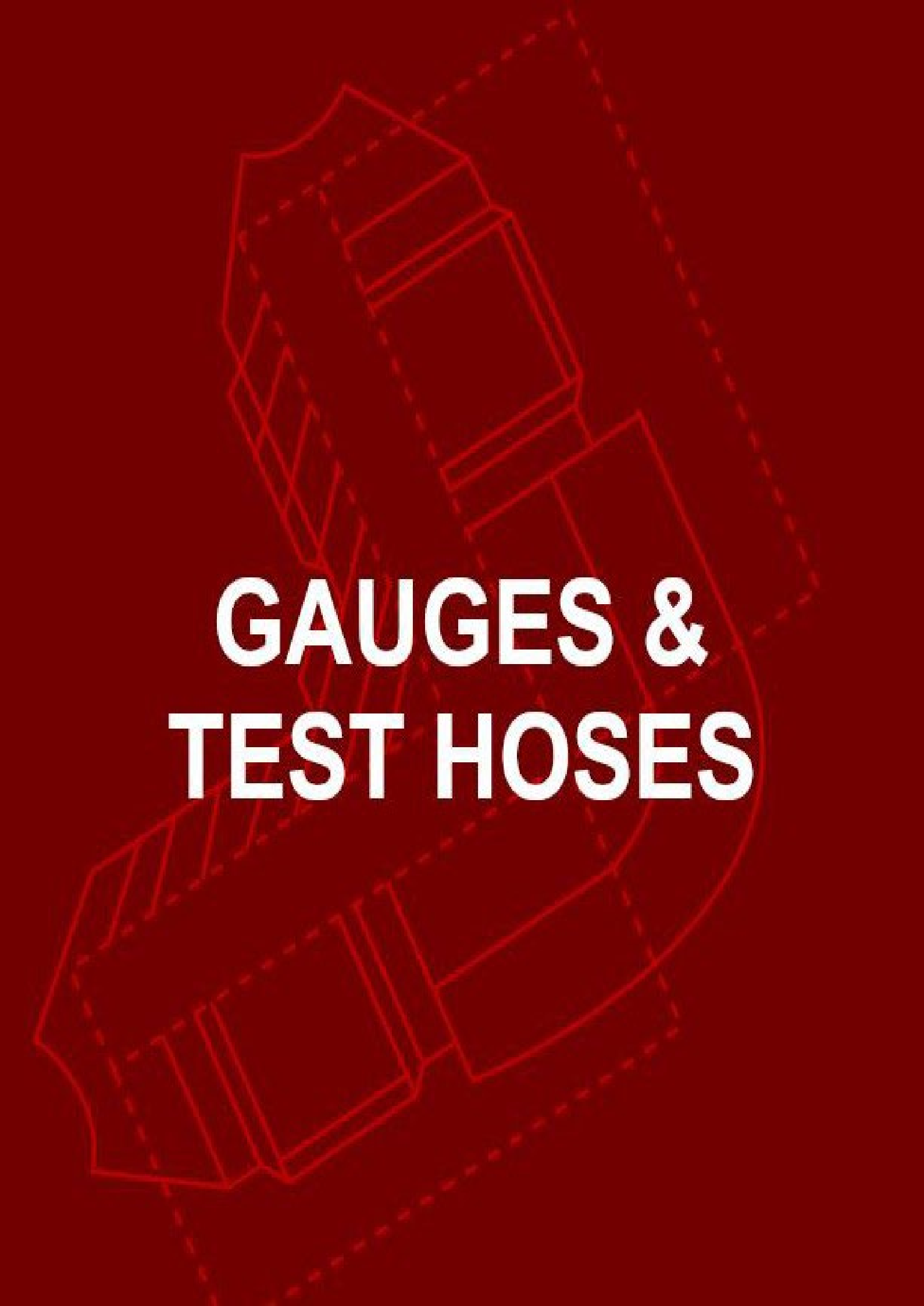
PART NUMBER	HOSE SIZE (ID)	WORKING PRESSURE	BURST PRESSURE
MP-04	6mm	290 PSI / 20 BAR	870 PSI / 60 BAR
MP-05	8mm	290 PSI / 20 BAR	870 PSI / 60 BAR
MP-06	10mm	290 PSI / 20 BAR	870 PSI / 60 BAR
MP-08	12mm	290 PSI / 20 BAR	870 PSI / 60 BAR
MP-10	16mm	290 PSI / 20 BAR	870 PSI / 60 BAR
MP-12	19mm	290 PSI / 20 BAR	870 PSI / 60 BAR
MP-16	25mm	290 PSI / 20 BAR	870 PSI / 60 BAR

SAE 100 R14 (PTFE STAINLESS STEEL)



Cover	1 Braid of 303/304 Stainless Steel Wire
Inner Tube	PTFE - Polytetrafluoroethylene
Temperature	-54°C to 260°C
Standards / Approvals	- Meets or exceeds SAE 100 R14A; FDA 21 CFR 177, 1500 Specifications - High Temperature - Chemical Resistant

PART NUMBER	HOSE SIZE (ID)	WORKING PRESSURE	BURST PRESSURE	MIN BEND RADIUS
R14-04	1/4" (6.4mm)	2537 PSI / 175 BAR	10150 PSI / 700 BAR	45 mm
R14-06	3/8" (9.5mm)	1957 PSI / 135 BAR	7830 PSI / 540 BAR	55 mm
R14-08	1/2" (12.7mm)	1740 PSI / 120 BAR	6960 PSI / 480 BAR	70 mm
R14-10	5/8" (15.9mm)	1450 PSI / 100 BAR	5800 PSI / 400 BAR	130 mm
R14-12	3/4" (19mm)	1305 PSI / 90 BAR	5220 PSI / 360 BAR	190 mm
R14-16	1" (25.4mm)	942 PSI / 65 BAR	3770 PSI / 260 BAR	270 mm

A technical line drawing in red on a dark red background, showing a hose assembly. The drawing includes a central hose with various fittings, a gauge, and a valve. The drawing is oriented diagonally from the top left to the bottom right.

GAUGES & TEST HOSES

Pressure Gauges

2.5" Gauges Bottom Entry – 1/4" BSPP

PG63B-10	0-10 Bar
PG63B-16	0-16 Bar
PG63B-25	0-25 Bar
PG63B-40	0-40 Bar
PG63B-60	0-60 Bar
PG63B-100	0-100 Bar
PG63B-160	0-160 Bar
PG63B-250	0-250 Bar
PG63B-315	0-315 Bar
PG63B-400	0-400 Bar
PG63B-600	0-600 Bar
PG63B-700	0-700 Bar



2.5" Digital Gauges Bottom Entry – 1/4" BSPP

PG63B-100D	0-100 Bar
PG63B-400D	0-400 Bar
PG63B-700D	0-700 Bar



4.0" Gauges Bottom Entry – 1/2" BSPP

PG100B-10	0-10 Bar
PG100B-16	0-16 Bar
PG100B-25	0-25 Bar
PG100B-40	0-40 Bar
PG100B-60	0-60 Bar
PG100B-100	0-100 Bar
PG100B-160	0-160 Bar
PG100B-250	0-250 Bar
PG100B-315	0-315 Bar
PG100B-400	0-400 Bar
PG100B-600	0-600 Bar
PG100B-700	0-700 Bar



Pressure Gauge Kit

PGK-2 (CBOXMEDS1-M)

Kit Includes:	Description
Pressure Gauges x 2	Your Choice
Test Hose	Test 20 x 2m
Direct Gauge Connector	1/4"- Male Test 20
Direct Gauge Connector	1/4"- Female Test 20
Test Point	1/4" BSPP
Test Point	1/4"-18 NPTF
Test Point	M8x1
Test Point	M14x1.5
Test Point	7/16"-20 UNF
Reducing Adaptor	M10x1F - M ISO228 G3/8"
Reducing Adaptor	M10x1F - M ISO228 G1/2"
Anti-Shock Valve	90 Deg Entry
Anti-Shock Valve	Swivel Direct Entry



PGK-1D (CBOXMEDDS)

Kit Includes:	Description
Digital Gauge	700 Bar
Test Hose	Test 20 x 2m
Direct Gauge Connector	1/4"- Male Test 20
Direct Gauge Connector	1/4"- Female Test 20
Test Point	1/4" BSPP
Test Point	1/4"-18 NPTF
Test Point	M8x1
Test Point	M14x1.5
Test Point	7/16"-20 UNF
Reducing Adaptor	M10x1F - M ISO228 G3/8"
Reducing Adaptor	M10x1F - M ISO228 G1/2"
Anti-Shock Valve	90 Deg Entry
Anti-Shock Valve	Swivel Direct Entry



PGK-3 (CBOXMED3)

Kit Includes:	Description
Pressure Gauge x 3	40 Bar, 160 Bar, 300 Bar
Test Hose	1 x 2m
Gauge Adaptor x 3	Test 20



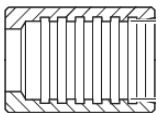
Test Hose & Fittings

Hose



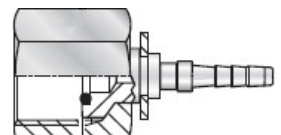
PART NUMBER	HOSE SIZE (ID)	HOSE SIZE (OD)	WORKING PRESSURE	BURST PRESSURE	BEND RADIUS	TEMP
T2H-01	2mm	5mm	630 Bar	1890 Bar	20 mm	-40 / +100c

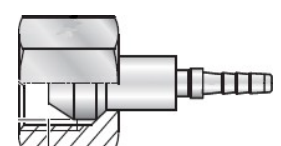
Ferrule – T2H Hose

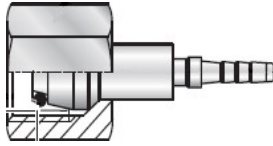
PART NUMBER	TYPE	MATERIAL	MAX PRESSURE	
TSF-01	RD2	Steel	600 Bar	

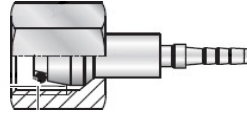
Tails – T2H Hose

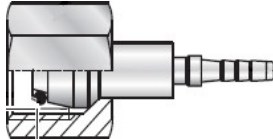
PART NUMBER	THREAD	TYPE	
TST-T20-0116	M16X2	Straight	
TST-T20-45S-0116		45 Deg	
TST-T20-90S-0116		90 Deg	
			Test 20 Coupling

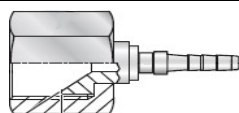
TST-BGF-0104	1/4 Gauge	Straight	
TST-BGF-0108	1/2 Gauge		
TST-BGF-45S-0104	1/4 Gauge	45 Deg	
TST-BGF-45S-0108	1/2 Gauge		
TST-BGF-90S-0104	1/4 Gauge	90 Deg	
TST-BGF-90S-0108	1/2 Gauge		
			Gauges Threaded Fitting

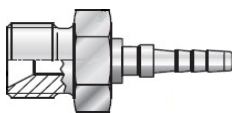
TST-BSF-0102	1/8 BSPPFS	Straight	
TST-BSF-0104	1/4 BSPPFS		
TST-BSF-0106	3/8 BSPPFS		
TST-BSF-45S-0102	1/8 BSPPFS	45 Deg	
TST-BSF-45S-0104	1/4 BSPPFS		
TST-BSF-90S-0102	1/8 BSPPFS	90 Deg	
TST-BSF-90S-0104	1/4 BSPPFS		
			60° Cone Connection Type BSP

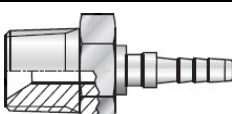
PART NUMBER	Size	Type	
TST-MLF-0112	M12x1.5	Straight	
TST-MLF-0114	M14x1.5		
TST-MLF-0116	M16x1.5		
TST-MLF-0118	M18x1.5		
TST-MLF-45S-0112	M12x1.5	45 Deg	
TST-MLF-45S-0114	M14x1.5		
TST-MLF-45S-0116	M16x1.5		
TST-MLF-90S-0112	M12x1.5	90 Deg	
TST-MLF-90S-0114	M14x1.5		
TST-MLF-90S-0116	M16x1.5		
			24° Cone Connection Type DKOL

TST-MLLF-0108	M8X1	Straight	
TST-MLLF-0110	M10X1		
TST-MLLF-45S-0110	M10X1	45 Deg	
TST-MLLF-90S-0110	M10X1	90 Deg	24° Cone Connection Type DKOLL

TST-MHF-0114	M14x1.5	Straight		
TST-MHF-0116	M16x1.5			
TST-MHF-0118	M18x1.5			
TST-MHF-0120	M20x1.5			
TST-MHF-45S-0114	M14x1.5	45 Deg		
TST-MHF-45S-0116	M16x1.5			
TST-MHF-45S-0118	M18x1.5			
TST-MHF-90S-0114	M14x1.5	90 Deg		
TST-MHF-90S-0116	M16x1.5			
TST-MHF-90S-0118	M18x1.5			
			24° Cone Connection Type DKOS	

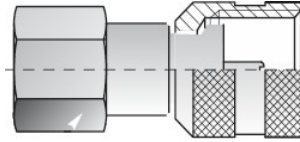
TST-JIF-0107	7/16-20 JICFS	Straight	
TST-JIF-0109	9/16-18 JICFS		
TST-JIF-45S-0107	7/16-20 JICFS	45 Deg	
TST-JIF-90S-0107	7/16-20 JICFS	90 Deg	JIC 74° Connection Type DKJ

TST-BPM-0102	1/8 BSPPM	Straight	
TST-BPM-0104	1/4 BSPPM		
			60° Cone Connection Type BSPP

TST-BTM-0102	1/8 BSPTM	Straight	
TST-BTM-0104	1/4 BSPTM		
			BSPT

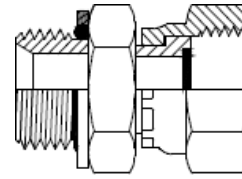
Test Point Adaptors

BSPP Gauge Fixed Female x Test 20 Female Swivel



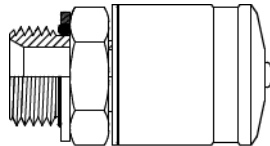
BGF-TEST-0420	1/4 BSPPF x TEST 20 F
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BSPP Male x BSPP Gauge Female Swivel



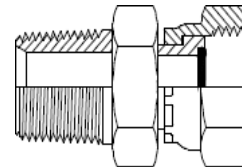
BGF-BPM-0402	1/4 BSPPFS x 1/8 BSPPM
BGF-BPM-0404	1/4 BSPPFS x 1/4 BSPPM
BGF-BPM-0808	1/2 BSPPFS x 1/2 BSPPM

BSPP Male x Test 20 Male



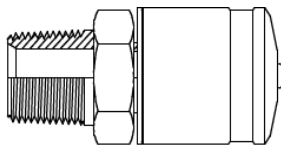
BPM-TEST-0220	1/8 BSPPM x TEST 20 M
BPM-TEST-0420	1/4 BSPPM x TEST 20 M
BPM-TEST-0620	3/8 BSPPM x TEST 20 M
BPM-TEST-0820	1/2 BSPPM x TEST 20 M

BSPT Male x BSPP Gauge Female Swivel



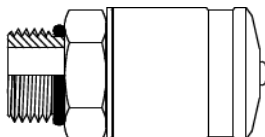
BGF-BTM-0402	1/4 BSPPFS x 1/8 BSPTM
BGF-BTM-0404	1/4 BSPPFS x 1/4 BSPTM

BSPP Male x Test 20 Male

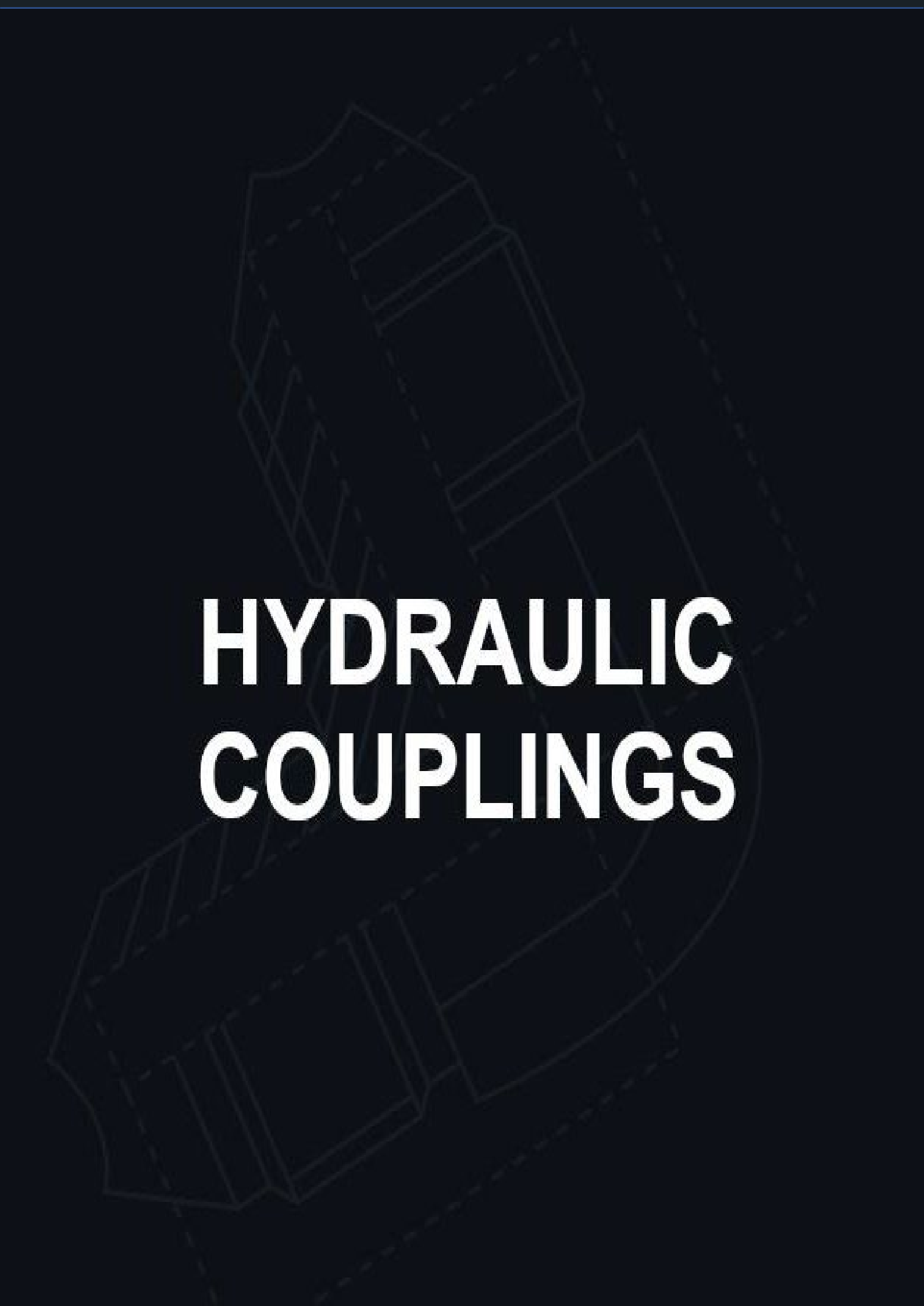


BTM-TEST-0220	1/8 BSPTM x TEST 20 M
BTM-TEST-0420	1/4 BSPTM x TEST 20 M

UNO Male x Test 20 Male



UNM-TEST-0720	7/16 UNOM x TEST 20 M
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A technical line drawing of a hydraulic coupling, shown in a perspective view. The drawing is rendered in white lines on a dark blue background. It features a central cylindrical body with various flanges, bolts, and a braided hose connection. The drawing is oriented diagonally across the frame.

HYDRAULIC COUPLINGS

Quick Release Couplings

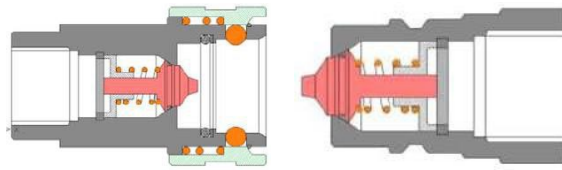
CROSS REFERENCE SHEET

AUSSIE ADAPTORS	FASTER	DNP	AEROQUIP	CEJN	HANSEN	PARKER	SAFEWAY
QRC-A	ANV	PAV	5600	X95	HA 15000	6600	S56
QRC-BALL	NS	PDS				4000	S40
QRC-DIN	NV	PDV				4000	S20-P
QRC-B	H	PBV	FD45	X75	HK	H	S10
QRCPP	PS	PPS				4200	S40
QRCA-PP	PV	PPV				4200	S40
QRC-FF	FFI/FFJ	PLT	FD49	X62	QA29000	FE-FF3/8	FF49
QRC-JACK	PVVM	PVM			WA56000	3000	S30
QRC-A-CUP	3NV	PKK					
QRC-TEMA				525		T	
RQFF-PC	3FFI	PLK					
QRC-PBR	NZ						

AUSSIE ADAPTORS	RYCO	STUCCHI	FLUID CONNECTORS	SNAPTITE	PIRTEK
QRC-A	RA80/81/82	BIR	QRM/F-BPF	61	6600
QRC-BALL	R91	IR		21	4000B
QRC-DIN	RA80/81/82	IRV	ORM/F-DIN	60	4000
QRC-B		IRB	QRM/F-BPF**B	72	60B/F6600
QRC-PP	R91**P	IRS12A		61	
QRCA-PP	RA81**P	IRS12VA	QRF-PC-BPF		6602P
QRC-FF	R110	FIRG	QFM/F-BPF-HD	74	7000/7500
QRC-JACK	R100	IVHP	QJM/F-NTM/F	76	3000
QRC-A-CUP	R81-CPM	BIR*PC	QRM/F-BPF-PC	68/63	
QRC-TEMA	R130	IRH	QRM/F-TEM		
RQFF-PC		APM	QFM BPF-PC		
QRC-PBR		IRN	QRM/F-PBR		

This cross reference is intended as a reference only. It is up to the customer to confirm that different manufacturers couplers will match. Please confirm before ordering.

ISO A



QRC-A ISO A COUPLER

FEMALE	THREAD		MALE	THREAD	
QRC-A-04-F	1/4" BSPF		QRC-A-04-M	1/4" BSPF	
QRC-A-06-F	3/8" BSPF		QRC-A-06-M	3/8" BSPF	
QRC-A-08-F	1/2" BSPF		QRC-A-08-M	1/2" BSPF	
QRC-A-12-F	3/4" BSPF		QRC-A-12-M	3/4" BSPF	
QRC-A-16-F	1" BSPF		QRC-A-16-M	1" BSPF	
QRC-A-20-F	1.1/4" BSPF		QRC-A-20-M	1.1/4" BSPF	

QRC-PP ISO A PUSH PULL COUPLER

FEMALE	THREAD	
QRC-A-08-F-PP	1/2" BSPF	



Dust Caps & Plugs

AVAILABLE IN RED, BLUE AND YELLOW

CAP		PLUG	
DC-A-04		DP-A-04	
DC-A-06		DP-A-06	
DC-A-08		DP-A-08	
DC-A-12		DP-A-12	
DC-A-16		DP-A-16	

TECHNICAL INFORMATION

STANDARD: ISO 7241-1 A (ISO A) POPPET

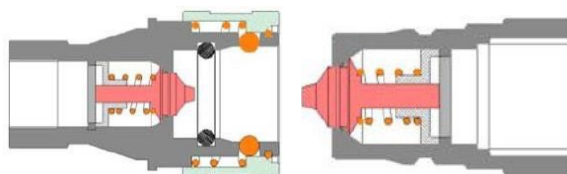
MATERIAL: STEEL, Zn-Fe (CRIII) FINISH. ALSO AVAILABLE IN 316 STAINLESS STEEL

SEALS: NBR STANDARD, OTHER AVAILABLE ON REQUEST

WORKING TEMP: -25°C +100°C

PART No.	MAX WORKING	FLOW RATE L/M	MAX FLOW L/M
QRC-A-04	350 BAR	12	24
QRC-A-06	350 BAR	23	46
QRC-A-08	250 BAR	45	90
QRC-A-12	250 BAR	106	220
QRC-A-16	200 BAR	189	260
QRC-A-20	200 BAR	288	480
QRC-A-24	190 BAR	379	757
QRC-A-32	160 BAR	757	1000

ISO B



QRC-B ISO B COUPLER

FEMALE	THREAD		MALE	THREAD	
QRC-B-04-F	1/4" BSPF		QRC-B-04-M	1/4" BSPF	
QRC-B-06-F	3/8" BSPF		QRC-B-06-M	3/8" BSPF	
QRC-B-08-F	1/2" BSPF		QRC-B-08-M	1/2" BSPF	
QRC-B-12-F	3/4" BSPF		QRC-B-12-M	3/4" BSPF	
QRC-B-16-F	1" BSPF		QRC-B-16-M	1" BSPF	

Dust Caps & Plugs

CAP		PLUG	
DC-B-04		DP-B-04	
DC-B-06		DP-B-06	
DC-B-08		DP-B-08	
DC-B-12		DP-B-12	
DC-B-16		DP-B-16	

TECHNICAL INFORMATION

STANDARD: ISO 7241-1 B POPPET

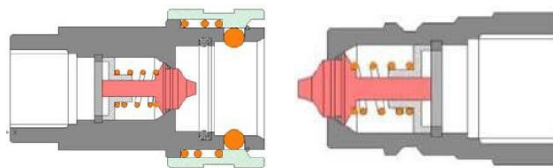
MATERIAL: STEEL, Zn-Fe (CRIII) FINISH. ALSO AVAILABLE IN BRASS & 316 STAINLESS STEEL

SEALS: NBR STANDARD, OTHER AVAILABLE ON REQUEST

WORKING TEMP: -25°C +100°C

PART No.	MAX WORKING	FLOW RATE L/M	MAX FLOW L/M
QRC-B-04	250 BAR	12	24
QRC-B-06	250 BAR	23	46
QRC-B-08	250 BAR	45	90
QRC-B-12	250 BAR	106	220
QRC-B-16	200 BAR	189	260
QRC-B-24	63 BAR	379	757
QRC-B-32	50 BAR	757	1000

ISO 7241 Poppet



QRC-DIN ISO 7241 COUPLER

FEMALE	THREAD		MALE	THREAD	
QRC-DIN-04-F	1/4" BSPF		QRC-DIN-04-M	1/4" BSPF	
QRC-DIN-06-F	3/8" BSPF		QRC-DIN-06-M	3/8" BSPF	
QRC-A-08-F	1/2" BSPF		QRC-A-08-M	1/2" BSPF	
QRC-DIN-12-F	3/4" BSPF		QRC-DIN-12-M	3/4" BSPF	
QRC-DIN-16-F	1" BSPF		QRC-DIN-16-M	1" BSPF	

USE PART NUMBER RQRA WHEN ORDERING 1/2" COUPLERS

RQNV-F-12	3/4" BSPF		RQNV-M-12	3/4" BSPF	
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FASTER "NV34" SERIES INTERCHANGE

Dust Caps & Plugs

CAP		PLUG	
DC-DIN-04		DP-DIN-04	
DC-DIN-06		DP-DIN-06	
DC-A-08		DP-A-08	
DC-DIN-12		DP-DIN-12	
DC-DIN-16		DP-DIN-16	

TECHNICAL INFORMATION

STANDARD: ISO 7241 POPPET

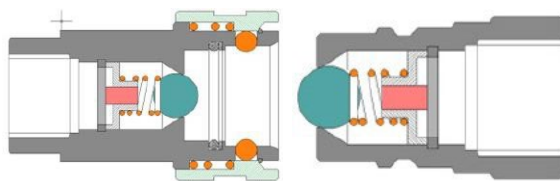
MATERIAL: STEEL, Zn-Fe (CRIII) FINISH. ALSO AVAILABLE IN 316 STAINLESS STEEL

SEALS: NBR STANDARD, OTHER AVAILABLE ON REQUEST

WORKING TEMP: -25°C +100°C

PART No.	MAX WORKING	FLOW RATE L/M	MAX FLOW L/M
QRC-DIN-04	350 BAR	12	24
QRC-DIN-06	350 BAR	23	46
QRC-A-08	250 BAR	45	90
QRC-DIN-12	250 BAR	106	190
QRC-DIN-16	200 BAR	180	250
QRC-DIN-20	200 BAR	288	480
QRC-DIN-24	190 BAR	379	700
QRC-DIN-32	160 BAR	757	1000

ISO 7241 Ball Type



QRC-BALL ISO 7241 BALL TYPE COUPLER

FEMALE	THREAD		MALE	THREAD	
QRC-BALL-04-F	1/4" BSPF		QRC-BALL-04-M	1/4" BSPF	
QRC-BALL-06-F	3/8" BSPF		QRC-BALL-06-M	3/8" BSPF	
QRC-BALL-08-F	1/2" BSPF		QRC-BALL-08-M	1/2" BSPF	

RQRS-PP BALL PUSH PULL COUPLER

FEMALE	THREAD	
RQRS-PP-F-08	1/2" BSPF	



Dust Caps & Plugs

CAP		PLUG	
DC-BALL-04		DP-BALL-04	
DC-BALL-06		DP-BALL-06	
DC-BALL-08		DP-BALL-08	
DC-BALL-12		DP-BALL-12	
DC-BALL-16		DP-BALL-16	

TECHNICAL INFORMATION

STANDARD: ISO 7241 BALL

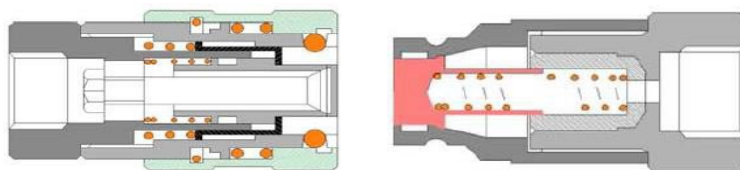
MATERIAL: STEEL, Zn-Fe (CRIII) FINISH

SEALS: NBR STANDARD, OTHER AVAILABLE ON REQUEST

WORKING TEMP: -25°C +100°C

PART No.	MAX WORKING	FLOW RATE L/M	MAX FLOW L/M
QRC-BALL-04	300 BAR	12	20
QRC-BALL-06	250 BAR	23	35
QRC-BALL-08	200 BAR	30	55
QRC-BALL-12	200 BAR	60	120
QRC-BALL-16	200 BAR	80	160

ISO 16028 Flat Face



QRC-FF

ISO 16028 FLAT FACE

FEMALE	THREAD		MALE	THREAD	
QRC-FF-0404-F	1/4" BSPF		QRC-FF-0404-M	1/4" BSPF	
QRC-FF-0606-F	3/8" BSPF		QRC-FF-0606-M	3/8" BSPF	
QRC-FF-0608-F	1/2" BSPF		QRC-FF-0608-M	1/2" BSPF	
QRC-FF-0808-F	1/2" BSPF		QRC-FF-0808-M	1/2" BSPF	
QRC-FF-0812-F	3/4" BSPF		QRC-FF-0812-M	3/4" BSPF	
QRC-FF-0812UN-F	3/4" UNOF		QRC-FF-0812UN-M	3/4" UNOF	
QRC-FF-0814UN-F	7/8" UNOF		QRC-FF-0814UN-M	7/8" UNOF	
QRC-FF-1012-F	3/4" BSPF		QRC-FF-1012-M	3/4" BSPF	
QRC-FF-1212-F	3/4" BSPF		QRC-FF-1212-M	3/4" BSPF	
QRC-FF-1216-F	1" BSPF		QRC-FF-1216-M	1" BSPF	
QRC-FF-1616-F	1" BSPF		QRC-FF-1616-M	1" BSPF	
QRC-FF-1620-F	1-1/4" BSPF		QRC-FF-1620-M	1-1/4" BSPF	

TECHNICAL INFORMATION

STANDARD: ISO 16028 FLAT FACE

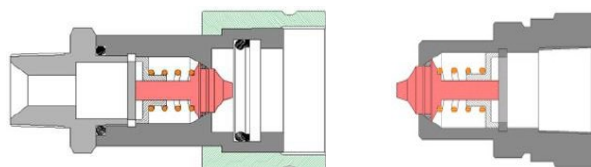
MATERIAL: STEEL, Zn-Fe (CRIII) FINISH. ALSO AVAILABLE IN 316 STAINLESS STEEL

SEALS: NBR STANDARD, OTHER AVAILABLE ON REQUEST

WORKING TEMP: -25°C +100°C

PART No.	MAX WORKING	FLOW RATE L/M	MAX FLOW L/M
QRC-FF-04	300 BAR	12	24
QRC-FF-06	250 BAR	23	46
QRC-FF-08	250 BAR	45	90
QRC-FF-10	350 BAR	74	150
QRC-FF-12	250 BAR	100	200
QRC-FF-16	250 BAR	189	280
QRC-FF-24	250 BAR	379	700
QRC-FF-32	250 BAR	757	1000

Jacking & PBR



QRC-JACK JACKING COUPLER

FEMALE	THREAD		MALE	THREAD	
QRC-JACK-04-F	1/4" NPTM		QRC-JACK-04-M	1/4" NPTF	
QRC-JACK-06-F	3/8" NPTM		QRC-JACK-06-M	3/8" NPTF	

Dust Caps & Plugs

CAP		PLUG	
DCJACK-04		DPJACK04	
DCJACK-06		DPJACK06	

TECHNICAL INFORMATION

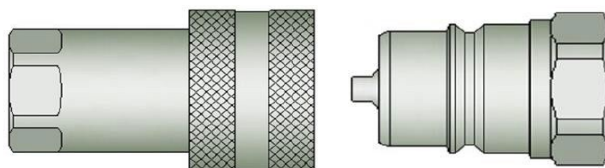
STANDARD: JACKING

MATERIAL: STEEL, Zn-Fe (CRIII) FINISH

SEALS: NBR STANDARD, OTHER AVAILABLE ON REQUEST

WORKING TEMP: -25°C +100°C

PART No.	MAX WORKING	FLOW RATE L/M	MAX FLOW L/M
JACK-04	700 BAR	5	10
JACK-06	1000 BAR	10	20



RQPBR PBR TRUCK COUPLER

FEMALE	THREAD		MALE	THREAD	
PBR-16-FB	1" BSPF		PBR-16-MT	1" BSPF	

TECHNICAL INFORMATION

STANDARD: PBR INTERCHANGE

MATERIAL: STEEL, PASSIVATION FINISH

SEALS: NBR

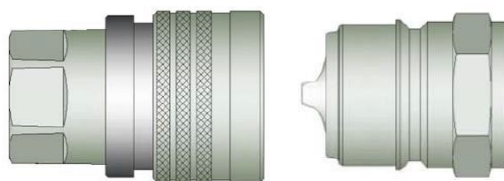
WORKING TEMP: -20°C +100°C

PART No.	MAX WORKING	FLOW RATE L/M
PBR-16	241	283

Email | sales@perfectcircle.nz

Phone | (09) 9631859

Prices subject to change without notice



TEMA TEMA INTERCHANGE COUPLER

FEMALE	THREAD		MALE	THREAD	
TEMA-06-F	3/8" BSPF		TEMA-06-M	3/8" BSPF	
TEMA-08-F	1/2" BSPF		TEMA-08-M	1/2" BSPF	
TEMA-12-F	3/4" BSPF		TEMA-12-M	3/4" BSPF	
TEMA-16-F	1" BSPF		TEMA-16-M	1" BSPF	

Dust Caps & Plugs

CAP		PLUG	
DCTEMA-16		DPTEMA-16	

TECHNICAL INFORMATION

STANDARD: TEMA INTERCHANGE

MATERIAL: STEEL, PASSIVATION FINISH. ALSO AVAILABLE IN 316 STAINLESS STEEL

SEALS: NBR STANDARD, OTHER AVAILABLE ON REQUEST

WORKING TEMP: -30°C +100°C

PART No.	MAX WORKING PRESS BAR	RATED FLOW L/M
TEMA-04	450	29
TEMA-06	350	69
TEMA-08	300	122
TEMA-12	280	250
TEMA-16	250	425

CRIMP DATA

TWO PIECE CRIMP CHART

1 WIRE - GATES CR1			EX1F-1	FOR USE WITH STB HOSETAILS
CR1-04	Gates CR1 1SN 1/4" Hose MSHA	SN1/2-04	17.25	
CR1-05	Gates CR1 1SN 5/16" Hose MSHA	SN1/2-05	18.65	
CR1-06	Gates CR1 1SN 3/8" Hose MSHA	SN1/2-06	19.95	
CR1-08	Gates CR1 1SN 1/2" Hose MSHA	SN1/2-08	23.25	
CR1-10	Gates CR1 1SN 5/8" Hose MSHA	SN1/2-10	26.95	
CR1-12	Gates CR1 1SN 3/4" Hose MSHA	SN1/2-12	30.75	
CR1-16	Gates CR1 1SN 1" Hose MSHA	SN1/2-16	39.25	
CR1-20	Gates G1 1SN 1-1/4" Hose MSHA	SN1/2-20	48.8	
CR1-24	Gates G1 1-1/2" Hose MSHA	SN1/2-24	56.0	
CR1-32	Gates G1 1SN 2" Hose MSHA	SN1/2-32	70.8	

2 WIRE - GATES CR2			EX1F-1	FOR USE WITH STB HOSETAILS
CR2-04	Gates CR2 2SN 1/4" Hose MSHA	SN1/2-04	18.4	
CR2-05	Gates CR2 2SN 5/16" Hose MSHA	SN1/2-05	19.2	
CR2-06	Gates CR2 2SN 3/8" Hose MSHA	SN1/2-06	21.2	
CR2-08	Gates CR2 2SN 1/2" Hose MSHA	SN1/2-08	24.15	
CR2-10	Gates CR2 2SN 5/8" Hose MSHA	SN1/2-10	27.45	
CR2-12	Gates CR2 2SN 3/4" Hose MSHA	SN1/2-12	31.85	
CR2-16	Gates CR2 2SN 1" Hose MSHA	SN1/2-16	40.4	
CR2-20	Gates G2 2SN 1-1/4" Hose MSHA	SN1/2-20	51.0	
CR2-24	Gates G2 2SN 1-1/2" Hose MSHA	SN1/2-24	58.3	
CR2-32	Gates G2 2SN 2" Hose MSHA	SN1/2-32	72.5	

2 WIRE PRESSURE WASH			EX1F-1	FOR USE WITH STB HOSETAILS
PW6K-06	Gates Clean Master 3/8" 6000PSI	SN02-06(N)	20.2	

TEST HOSE			TSF	FOR USE WITH TST HOSETAILS
T2H-01	Test Hose - 630 BAR	TSF	7.1	

R17 - GATES M3K			EX1F-1	FOR USE WITH STB HOSETAILS
R17-04	Gates M3K R17 1/4" Hose MSHA	SN01-04	16.4	
R17-06	Gates M3K R17 3/8" Hose MSHA	SN1/2-06	19.8	
R17-08	Gates M3K R17 1/2" Hose MSHA	SN1/2-08	23.6	
R17-12	Gates M3K R17 3/4" Hose MSHA	SN1/2-12	32.3	
R17-16	Gates M3K R17 1" Hose MSHA	SN1/2-16	40.0	
NOTE: R17-04 USES 1 WIRE FERRULES				

GATES MXT			EX1F-1	FOR USE WITH STB HOSETAILS
4MXT	Gates MXT 1/4" Hose MSHA	SN1/2-04	18.2	
6MXT	Gates MXT 3/8" Hose MSHA	SN1/2-06	20.5	
8MXT	Gates MXT 1/2" Hose MSHA	SN1/2-08	23.5	
12MXT	Gates MXT 3/4" Hose MSHA	SN1/2-12	30.4	
16MXT	Gates MXT 1" Hose MSHA	SN1/2-16	38.1	

THERMOPLASTIC			CF7	FOR USE WITH STB HOSETAILS
R7-04	1/4" 100R7 Hose	FR7/8-04	14.1	
R7-05	5/16" 100R7 Hose	FR7/8-05	16.2	
R7-06	3/8" 100R7 Hose	FR7/8-06	18.2	
R7-08	1/2" 100R7 Hose	FR7/8-08	22.2	
R7-10	5/8" 100R7 Hose	FR7/8-10	25.6	
R7-12	3/4" 100R7 Hose	FR7/8-12	29.0	
R7-16	1" 100R7 Hose	FR7/8-16	36.8	

STAINLESS STEEL BRAIDED TEFLON HOSE			CFT	FOR USE WITH STB HOSETAILS
R14-04	1/4" 100R14 Hose	FR14-04	12.3	
R14-06	3/8" 100R14 Hose	FR14-06	15.9	
R14-08	1/2" 100R14 Hose	FR14-08	20.5	
R14-10	5/8" 100R14 Hose	FR14-10	22.4	
R14-12	3/4" 100R14 Hose	FR14-12	26.7	
R14-16	1" 100R14 Hose	FR14-16	32.9	

GATES MEGACRIMP ONE PIECE

1 WIRE - GATES CR1			1 PIECE	MEGA CRIMP SERIES
CR1-04	Gates CR1 1SN 1/4" Hose MSHA	4G	17.9	
CR1-06	Gates CR1 1SN 3/8" Hose MSHA	6G	21.6	
CR1-08	Gates CR1 1SN 1/2" Hose MSHA	8G	25.15	
CR1-10	Gates CR1 1SN 5/8" Hose MSHA	10G	28.6	
CR1-12	Gates CR1 1SN 3/4" Hose MSHA	12G	34.04	
CR1-16	Gates CR1 1SN 1" Hose MSHA	16G	44.45	
CR1-20	Gates G1 1SN 1-1/4" Hose MSHA	20G	52.07	

2 WIRE - GATES CR2			1 PIECE	MEGA CRIMP SERIES
CR2-04	Gates CR2 2SN 1/4" Hose MSHA	4G	18.8	
CR2-06	Gates CR2 2SN 3/8" Hose MSHA	6G	22.61	
CR2-08	Gates CR2 2SN 1/2" Hose MSHA	8G	26.67	
CR2-10	Gates CR2 2SN 5/8" Hose MSHA	10G	29.72	
CR2-12	Gates CR2 2SN 3/4" Hose MSHA	12G	35.43	
CR2-16	Gates CR2 2SN 1" Hose MSHA	16G	45.21	
CR2-20	Gates G2 2SN 1-1/4" Hose MSHA	20G	53.97	

M3K			1 PIECE	MEGA CRIMP SERIES
R17-04	Gates M3K R17 1/4" Hose MSHA	4G	17.8	
R17-06	Gates M3K R17 3/8" Hose MSHA	6G	20.55	
R17-08	Gates M3K R17 1/2" Hose MSHA	8G	25.4	
R17-10	Gates M3K R17 5/8" Hose MSHA	10G	29.7	
R17-12	Gates M3K R17 3/4" Hose MSHA	12G	35.45	
R17-16	Gates M3K R17 1" Hose MSHA	16G	45.7	

MXT			1 PIECE	MEGA CRIMP SERIES
4MXT	Gates MXT 1/4" Hose MSHA	4G	18.15	
6MXT	Gates MXT 3/8" Hose MSHA	6G	21.2	
8MXT	Gates MXT 1/2" Hose MSHA	8G	25.15	
10MXT	Gates MXT 5/8" Hose MSHA	10G	28.85	
12MXT	Gates MXT 3/4" Hose MSHA	12G	34.3	
16MXT	Gates MXT 1" Hose MSHA	16G	42.8	

GATES GLOBALSPIRAL MULTI SPIRAL

4K ISOBARIC – GATES EFG4K			SNMS/SN4K	FOR USE WITH STM HOSETAILS
R4K-06G	EFG4K Isobaric 3/8" Hose	6GS1F-4	24.9	
R4K-08G	EFG4K Isobaric 1/2" Hose	8GS1F-4	27.45	
R4K-10G	EFG4K Isobaric 5/8" Hose	10GS1F-4	33.55	
R4K-12G	EFG4K Isobaric 3/4" Hose	12GS1F-4	37.6	
R4K-16G	EFG4K Isobaric 1" Hose	16GS1F-4	44.45	
R4K-20G	EFG4K Isobaric 1-1/4" Hose	20GS1F-4	52.05	

6K ISOBARIC – GATES EFG6K			SNMS/SN6K	FOR USE WITH STM HOSETAILS
R6K-06G	EFG6K Isobaric 3/8" Hose	6GS1F-4	24.9	
R6K-08G	EFG6K Isobaric 1/2" Hose	8GS1F-4	27.45	
R6K-10G	EFG6K Isobaric 5/8" Hose	10GS1F-4	33.55	
R6K-12G	EFG6K Isobaric 3/4" Hose	12GS1F-4	37.6	
R6K-16G	EFG6K Isobaric 1" Hose	16GS1F-4	44.45	
R6K-20G	EFG6K Isobaric 1-1/4" Hose	20GS1F-6	56.65	

6K ISOBARIC – GATES EFG6K			04	GSM ONE PIECE SERIES
R6K-24G	EFG6K Isobaric 1-1/2" Hose	24GSM	63.75	
R6K-32G	EFG6K Isobaric 2" Hose	32GSM	79.25	

NOTE: 4K-20 & 6K-20 USE DIFFERENT FERRULES

GATES MXG4K-XTP

MXG4K-XTP (ONE PIECE)			STO	MEGA CRIMP SERIES
12MXG4K	MXG4K Isobaric 3/4" Hose	12G	34.8	
MXG4K-XTP (MULTI SPIRAL)			SNG2/SNMS	FOR USE WITH STM HOSETAILS
12MXG4K	MXG4K Isobaric 3/4" Hose	12GS1F-2	33.25	
16MXG4K	MXG4K Isobaric 1" Hose	16GS1F-4	43.95	

NOTE: 12MXG4K USE DIFFERENT FERRULES