

COMPREHENSIVE MATCH-TESTED HOSE & HOSE TAIL RANGE

- 100R1 - 100R19
- High Temperature
- Half-bend Radius
- Tough Cover
- Jacking

COMMITTED TO MATCHED-SYSTEMS

It's one thing to test the performance of hose and hose tails separately. It's another to test them as they are used - together, in a system. That's why we do both.

All Taipan hose meets Australian and International Standards ISO6805, SAEJ517, EN853, EN856 and EN857.

Reputable third parties - such as Lloyd's, Mine Safety & Health Administration and Mines Australia - also certify our hose independently (copies of third party certifications are available on request).

Here in Australia, we also use MDG41 guidelines to test our hydraulic hose and tails together, as a matched system.

We take the extra step of match-testing because it helps lower your risk of failure, protect your machinery, improve OH&S, lower maintenance costs and reduce unscheduled interruptions.

For more information on our match-tested range call **1300 654 782** or email sales@taipan.com.au

- ✓ **Safety**
- ✓ **Reliability**
- ✓ **Performance**

ARCHERFIELD
2/124 Beatty Road
Archerfield, QLD 4108
PH: 07 3274 3433
Fax: 07 3274 3477

CABOOLTURE
11 Lear Jet Drive
Caboolture, QLD 4510
PH: 07 5428 1211
Fax: 07 5428 1311

MELBOURNE
23 Endeavour Way
Sunshine West, VIC 3020
PH: 03 9109 2109
Fax: 03 8317 9049

PERTH
3 Mordaunt Circuit
Canning Vale, WA 6155
PH: 08 9456 5448
Fax: 08 9256 1242

PH: 1300 654 782
www.taipan.com.au



TAIPAN
Hydraulic Hose Systems

SECTION 2

HOSE TAILS



HOSE TAIL IDENTIFICATION KEY

SAMPLE									
K	06	JF		09		90		-30mm	
Hose Type	Hose Size	Thread Style		Thread Size		Angle (If Required)		Drop Length (Available on 90° and 90° long Drop Only)	
METRIC HOSE TAIL SAMPLE									
K	04	MF		08		14		A	
Hose Type	Hose Size	M = Metric F= Female		Tube Size		Thread Size		Thread Pitch	
								A = 1.5mm B = 2.0mm	
Note: Following angles not available on all Hose Tails. L = Longdrop"	15°	22.5°	30°	45°	60°	67.5°	90°	90L°	110°
BSP Thread	BF	BFF	BM	BPM	BF = Female Parallel 60° Cone BFF = Female Flat Face BM = Male Taper BPM = Male Parallel 60° Cone				
Hose Joiner	HJ				HJ = Hose Joiner				
JIC Thread	JF	JM			JF = Female JIC Swivel 37° Cone JM = Male JIC Swivel 37° Cone				
JIS Thread (BSP)	IBF				IBF = Female Parallel Pipe Swivel 30° Flare				
JIS Thread (Metric, Komatsu)	KF				KF = Female Swivel Straight 30° Flare				
Karcher Pressure Wash	KA				KA = Female 22mm x 14mm Pressure Wash				
Life Saver	LS				LS = Life Saver				
Metric Thread	MBJ	MF	MM	MFF	MBJ = Metric Banjo MF = Female Straight 24° Cone MM = Male Straight 24° Cone MFF = Female Straight Flat Face				
NPT Thread	NF	NM			NF = Female Taper Straight NM = Male Taper Straight				
ORFS Thread	FO	MO			FO = Female ORFS Swivel MO = Male ORFS				
SAE Flange Code 61 / 62	F61	F62	FC62	FT	F61 = Code 61 Flange F62 = Code 62 Flange FC62 = CAT Flange FT = Taper Flange				
SAE Thread	IS	SF			IS = Inverted Male SAE SF = SAE Female				
Stand Pipe	SP				SP = Stand Pipe				
UNO Thread	PSW	PM			PSW = UNO Male Swivel PM = UNO Male				



SAE100R1, SAE100R2, SAE100R16 & SAE100R19 Hose Tails

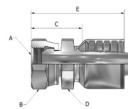
Straight

K-BJ | Page 35



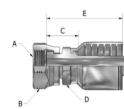
Banjo

K-BF | Page 35



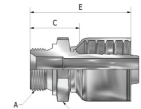
BSPP F Swivel

K-BFF | Page 36



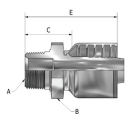
BSPP F Flat Face

K-BPM | Page 36



BSPP Male

K-BM | Page 36



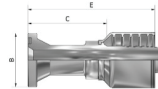
BSPT Male

K-BBPM | Page 37



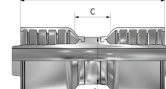
BSPP M Bulkhead

K-F61 | Page 37



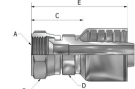
SAE Code 61 Flange

K-HJ | Page 38



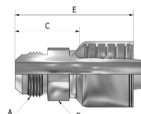
Hose Joiner

K-JF | Page 38



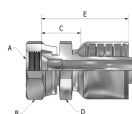
JIC F Swivel 37°

K-JM | Page 39



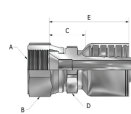
JIC M 37°

K-IBF | Page 39



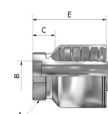
JIS (BSP) F Parallel Pipe Swivel

K-KF | Page 40



Komatsu F Swivel 30° Flare JIS Metric

K-LS | Page 40



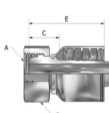
Lifesaver

K-MFF | Page 41



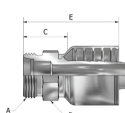
Metric Flat Face F

K-MF | Page 41



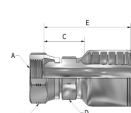
Ball Nose Metric F 24° Cone

K-MM | Page 42



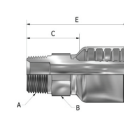
Metric M 24° Cone

K-NF | Page 43



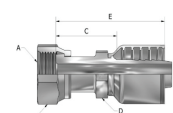
NPT F S/W

K-NM | Page 43



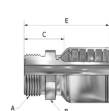
NPT Male

K-FO | Page 43



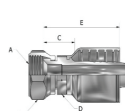
F O-Ring Face Seal Swivel

K-MO | Page 44



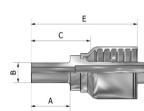
M O-Ring Face Seal

K-SF | Page 44



SAE F

K-SPM | Page 45



Stand Pipe

K-PM | Page 45

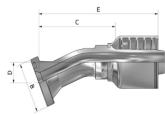


UNO M

MORE PRODUCTS
COMING SOON

22.5 Degree

K-61 | Page 45

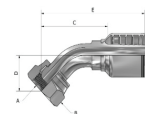


SAE Code 61 Flange

MORE PRODUCTS
COMING SOON

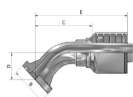
45 Degree

K-BF | Page 45



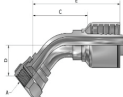
BSPP F Swivel

K-F61 | Page 46



SAE Code 61 Flange

K-JF | Page 46



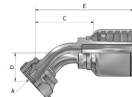
JIC F Swivel

K-MFF | Page 47



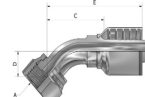
Flat Face Metric F

K-MF | Page 47



Ball Nose Metric F 24° Cone

K-FO | Page 48



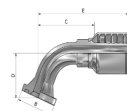
F O-Ring Face Seal Swivel

MORE PRODUCTS
COMING SOON

MORE PRODUCTS
COMING SOON

67.5 Degree

K-F61 | Page 48



SAE Code 61 Flange

MORE PRODUCTS
COMING SOON

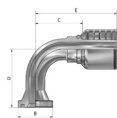
90 Degree

K-BF | Page 48



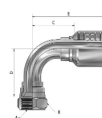
BSPP F Swivel

K-F61 | Page 49



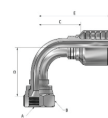
SAE Code 61 Flange

K-JF | Page 50



JIC F Swivel

K-IBF | Page 51



JIS (BSP) F Parallel Pipe Swivel

K-KF | Page 51



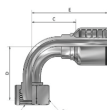
Komatsu F Swivel 30° Flare JIS
Metric

K-MFF | Page 51



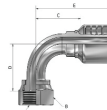
Flat Face Metric F

K-MF | Page 52



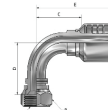
Ball Nose Metric F 24° Cone

K-FO | Page 53



F O-Ring Face Seal Swivel

K-SF | Page 53

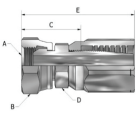
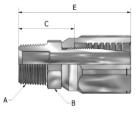
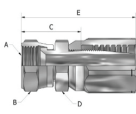
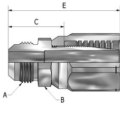
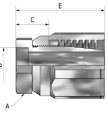
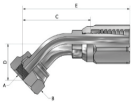
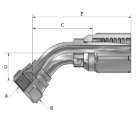
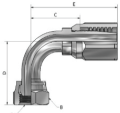
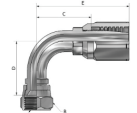


SAE F



TAIPAN

100R1, 100R2 Field Attachable

D-BF Page 54  BSP F Parallel Pipe Swivel	D-BM Page 54  BSPT Male	D-JF Page 54  JIC F 37° Swivel	D-JM Page 55  JIC M 37°	D-IBF Page 55  JIS (BSP) F Parallel Pipe Swivel
D-LS Page 55  Lifesaver	MORE PRODUCTS COMING SOON	MORE PRODUCTS COMING SOON	45 Degree	D-BF Page 56  BSPP F Swivel
D-JF Page 56  JIC F 37° Swivel	MORE PRODUCTS COMING SOON	90 Degrees	D-BF Page 56  BSPP F Swivel	D-JF Page 57  JIC F 37° Swivel
D-IBF Page 57  JIS (BSP) F Parallel Pipe Swivel	Shells	D1-D2 Page 57  Reusable Shells to suit 100R1 & 100R2	MORE PRODUCTS COMING SOON	MORE PRODUCTS COMING SOON

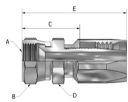
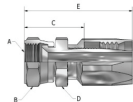
SAE100R2 Two Piece

Shells	GN2 Page 58  100R2 Shells	MORE PRODUCTS COMING SOON	MORE PRODUCTS COMING SOON	MORE PRODUCTS COMING SOON
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SAE100R4 Low Pressure Hose Tails

Straight	QAAX Page 58	QADX Page 58	QAEX Page 59	QAFX Page 59
	 BSPP F Swivel Nut x L/P HT	 BSP Parallel M x L/P HT	 BSPT M x L/P HT	 Code 61 Flange x L/P HT
QAUX Page 59	QAPX Page 60	45 Degree	QETFX-45 Page 60	90 Degrees
 NPT M x L/P HT	 UNO M x L/P HT		 Code 61 Flange x L/P HT 45°	
QEBAX Page 60	QEBDX Page 60	QEBEX Page 61	QETFX Page 61	QEBPX Page 61
 BSPP F Swivel x L/P HT	 BSPP M x L/P HT 90°	 BSPT M x L/P HT 90°	 Code 61 Flange x L/P HT 90°	 UNO M x L/P HT 90°
Tee Piece	QTEXXA Page 62	MORE PRODUCTS COMING SOON	MORE PRODUCTS COMING SOON	MORE PRODUCTS COMING SOON
	 L/P x L/P x BSPP F S/W			

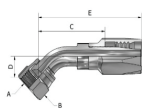
SAE100R5 Field Attachable Hose Tails

Straight	DF-JF Page 62	DF-NM Page 63	DF-FO Page 63	DF-SF Page 63
	 JIC F 37° Swivel	 NPT Male	 F O-Ring Face Seal Swivel	 SAE F



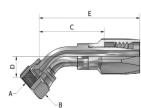
45 Degree

DF-JF | Page 63



JIC F 37° Swivel

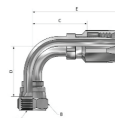
DF-SF | Page 64



SAE F

90 Degrees

DF-JF | Page 64



JIC F 37° Swivel

DF-SF | Page 64



SAE F

MORE PRODUCTS
COMING SOON

MORE PRODUCTS
COMING SOON

MORE PRODUCTS
COMING SOON

MORE PRODUCTS
COMING SOON

SAE100R6 Hose Tails

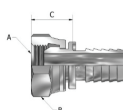
Straight

H-MBJ | Page 65



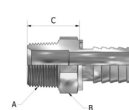
Banjo

H-BF | Page 65



BSPP F Swivel

H-BM | Page 65



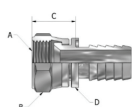
BSPT Male

H-HJ | Page 66



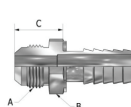
Hose Joiner

H-JF | Page 66



JIC F 37° Swivel

H-JM | Page 66



JIC M 37° Swivel

H-SF | Page 66

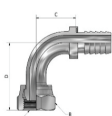


SAE F

MORE PRODUCTS
COMING SOON

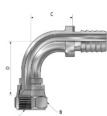
90 Degree

H-BF | Page 67



BSPP F Swivel

H-JF | Page 67



JIC F 37° Swivel

MORE PRODUCTS
COMING SOON

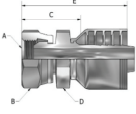
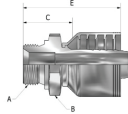
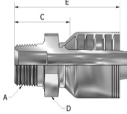
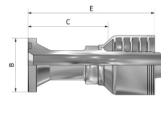
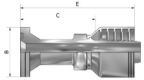
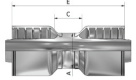
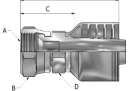
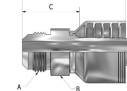
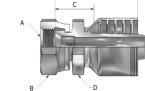
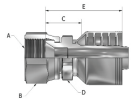
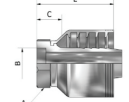
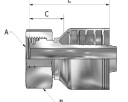
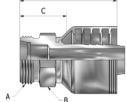
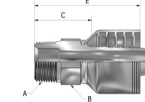
MORE PRODUCTS
COMING SOON

MORE PRODUCTS
COMING SOON

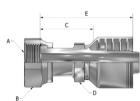
SAE100R7, SAE100R8 & SAE100R18 Hose Tails

Straight	J-BF Page 67	J-JF Page 68	J-JM Page 68	J-MF Page 68
	 BSPP F Swivel	 JIC F 37° Swivel	 JIC M 37°	 Metric F/M Ball nose 24° Cone
MORE PRODUCTS COMING SOON	90 Degree	J-JF Page 68	MORE PRODUCTS COMING SOON	MORE PRODUCTS COMING SOON
		 JIC F 37° Swivel		

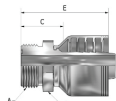
SAE100R12 Hose Tails

Straight	L-BF Page 69	L-BPM Page 69	L-BM Page 70	L-F61 Page 70
	 BSPP F Swivel	 BSPP M Parallel	 BSPT Male	 SAE Code 61 Flange
L-F62 Page 71	L-HJ Page 71	L-JF Page 71	L-JM Page 72	L-IBF Page 72
 SAE Code 62 Flange	 Hose Joiner	 JIC F 37° Swivel	 JIC M 37°	 JIS (BSP) F Parallel Pipe Swivel
L-KF Page 73	L-LS Page 73	L-MFO Page 73	L-MM Page 74	L-NM Page 74
 Komatsu F Swivel 30° Flare JIS Metric	 Lifesaver	 O-Ring Metric F 24° Cone	 Metric M 24° Cone	 NPT Male

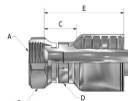


L-F0 | Page 75


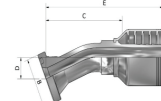
F O-Ring Face Seal Swivel

L-M0 | Page 75


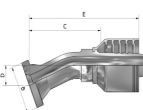
M O-Ring Face Seal

L-SF | Page 75


SAE F

22.5 Degree
L-61 | Page 76


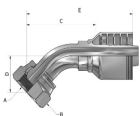
SAE Code 61 Flange

30 Degree


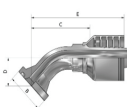
SAE Code 61 Flange

MORE PRODUCTS
COMING SOON

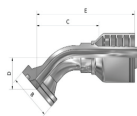
MORE PRODUCTS
COMING SOON

45 Degree
L-BF | Page 77


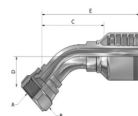
BSPP F Swivel

L-F61 | Page 77


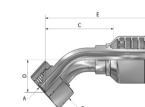
SAE Code 61 Flange

L-F62 | Page 78


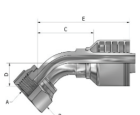
SAE Code 62 Flange

L-JF | Page 78


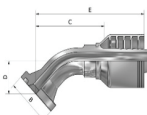
JIC F 37° Swivel

L-MFO | Page 78


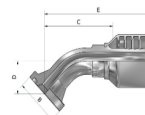
O-Ring Metric F 24° Cone

L-F0 | Page 79


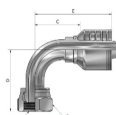
F O-Ring Face Seal Swivel

60 Degree
L-F61 | Page 79


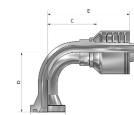
SAE Code 61 Flange

67.5 Degree


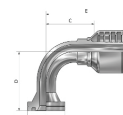
SAE Code 61 Flange

90 Degree
L-BF | Page 80


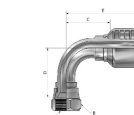
BSPP F Swivel

L-F61 | Page 81


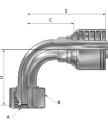
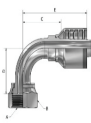
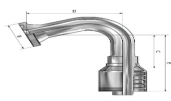
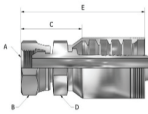
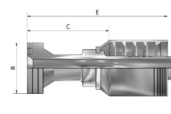
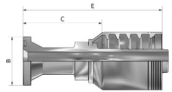
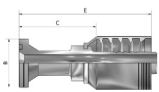
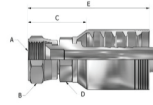
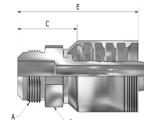
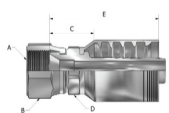
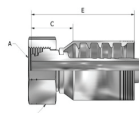
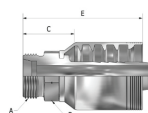
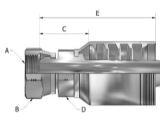
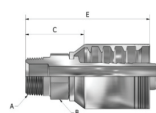
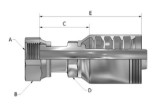
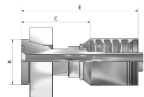
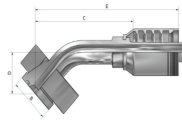
SAE Code 61 Flange

L-F62 | Page 81


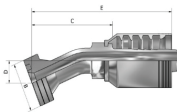
SAE Code 62 Flange

L-JF | Page 82


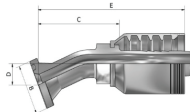
JIC F 37° Swivel

L-KF Page 82  Komatsu F Swivel 30° Flare JIS Metric	L-MFO Page 83  O-Ring Metric F 24° Cone	L-FO Page 83  F O-Ring Face Seal Swivel	110 Degree	L-F61 Page 84  SAE Code 61 Flange
SAE100R13, SAE100R15 & GH506 Hose Tails				
Straight	N-HU Page 84  1502 Hammer Union	N-BF Page 85  BSPP F Swivel	N-BM Page 85  BSPT M	N-FC62 Page 85  CAT Flange
N-F61 Page 85  SAE Code 61 Flange	N-F62 Page 86  SAE Code 62 Flange	N-HJ Page 86  Hose Joiner	N-JF Page 86  JIC F 37° Swivel	N-JM Page 87  JIC M 37°
N-KF Page 87  Komatsu F Swivel 30° Flare JIS Metric	N-MFO Page 87  O-Ring Metric F 24° Cone	N-MM Page 87  Metric M 24° Cone	N-NF Page 88  NPT F Swivel	N-NM Page 88  NPT Male
N-FO Page 88  F O-Ring Face Seal Swivel	N-FT Page 88  Taper Flange (Heavy duty Mining Equip.)	15 Degree	N-FT Page 89  Taper Flange (Heavy duty Mining Equip.)	22.5 Degree

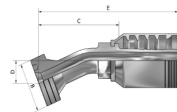


N-FC62 | Page 89


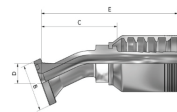
CAT Flange

N-F61 | Page 89


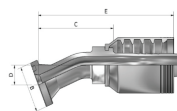
SAE Code 61 Flange

30 Degree
N-FC62 | Page 89


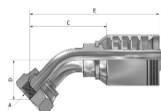
CAT Flange

N-F61 | Page 90


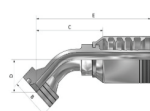
SAE Code 61 Flange

N-F62 | Page 90


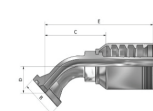
SAE Code 62 Flange

45 Degree
N-BF | Page 90


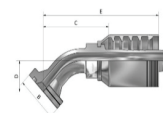
BSPP F Swivel

N-FC62 | Page 90


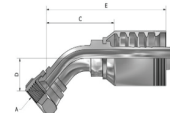
CAT Flange

N-F61 | Page 91


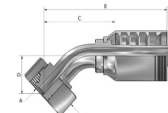
SAE Code 61 Flange

N-F62 | Page 91


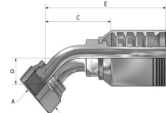
SAE Code 62 Flange

N-JF | Page 91


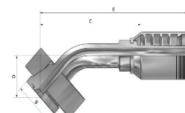
JIC F 37° Swivel

N-MFO | Page 92


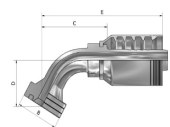
O-Ring Metric F 24° Cone

N-FO | Page 92


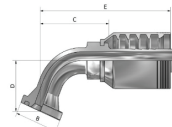
F O-Ring Face Seal Swivel

N-FT | Page 92


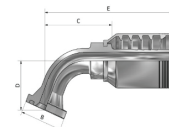
Taper Flange (Heavy duty Mining Equip.)

60 Degree
N-FC62 | Page 92


CAT Flange

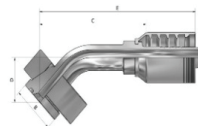
N-F61 | Page 93


SAE Code 61 Flange

67.5 Degree
N-F61 | Page 93


SAE Code 61 Flange

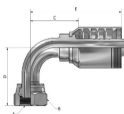
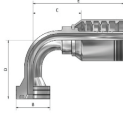
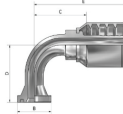
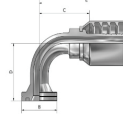
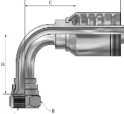
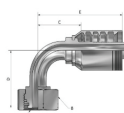
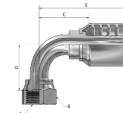
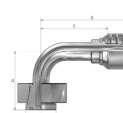
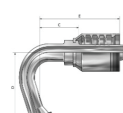
MORE PRODUCTS
COMING SOON

70 Degree
N-FT | Page 93


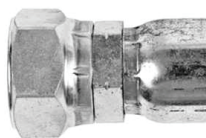
Taper Flange (Heavy duty Mining Equip.)

MORE PRODUCTS
COMING SOON

90 Degree

N-BF Page 94  BSPP F Swivel	N-FC62 Page 94  CAT Flange	N-F61 Page 94  SAE Code 61 Flange	N-F62 Page 95  SAE Code 62 Flange	N-JF Page 95  JIC F 37° Swivel
N-MFO Page 96  O-Ring Metric F 24° Cone	N-FO Page 96  F O-Ring Face Seal Swivel	N-FT Page 96  Taper Flange (Heavy duty Mining Equip.)	105 Degree	N-FT Page 97  Taper Flange (Heavy duty Mining Equip.)
110 Degree	N-F61 Page 97  SAE Code 61 Flange	N-F62 Page 97  SAE Code 62 Flange		MORE PRODUCTS COMING SOON

SAE100R14 Hose Tails

Straight	C-JF Page 97  JIC F 37° Swivel	C-SF Page 98  SAE F	MORE PRODUCTS COMING SOON	45 Degree
C-JF Page 98  JIC F 37° Swivel	90 Degree	C-JF Page 98  JIC F 37° Swivel	MORE PRODUCTS COMING SOON	MORE PRODUCTS COMING SOON



Aquawash

Two Piece Straight

G-KA | Page 99



Karcher Pressure Wash

Straight

K-KA | Page 99



Karcher Pressure Wash

MORE PRODUCTS COMING SOON

Grease Hose Hose Tails

Straight

GH-BM | Page 99



BSPT Male

GH-JF | Page 99



JIC F 37" Swivel

GH-SHELL | Page 100



Grease Shell

GH-SP | Page 100



Stand Pipe M

MORE PRODUCTS COMING SOON

45 Degree

GH-SP | Page 100



Stand Pipe M

90 Degree

GH-JF | Page 100



JIC F 37" Swivel

GH-SP | Page 100



Stand Pipe M

MORE PRODUCTS COMING SOON

MORE PRODUCTS COMING SOON

MORE PRODUCTS COMING SOON

MORE PRODUCTS COMING SOON

SAE100R1, SAE100R2, SAE100R16 & SAE100R19

Straight

100R1, 100R2, 100R16 & 100R19

BJ- Banjo Hose Tail



PART NUMBER	Products Description									
	Hose In-Dia	Banjo ID	Nut Hex		Tail-Growth		Nipple Hex		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
K04BJ04	0.25	1/4			29.4	1.16			57.1	2.24

100R1, 100R2, 100R16 & 100R19

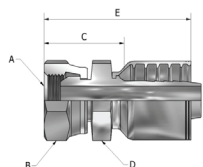
MBJ - Banjo Hose Tail



PART NUMBER	Products Description									
	Hose In-Dia	Banjo ID	Nut Hex		Tail-Growth		Nipple Hex		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
K04MBJ12	0.25				29.4	1.16			57.1	2.24

100R1, 100R2, 100R16 & 100R19

BF - BSP Female Parallel Pipe Swivel Straight 60° Cone



SS = Stainless Steel

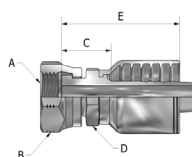
PART NUMBER	Products Description									
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Nipple Hex		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
K04BF02	1/4	1/8-28	14.0	0.55	29.4	1.16	14.0	0.55	49.7	1.96
K04BF04	1/4	1/4-19	19.0	0.75	32.7	1.29	19.0	0.75	53.0	2.09
K04BF04SS	1/4	1/4-19	19.0	0.75	32.7	1.29	19.0	0.75	53.0	2.09
K04BF06	1/4	3/8-19	22.0	0.87	36.2	1.43	22.0	0.87	56.5	2.22
K05BF06	5/16	3/8-19	22.0	0.87	36.7	1.44	22.0	0.87	57.7	2.27
K06BF04	3/8	1/4-19	19.0	0.75	33.5	1.32	19.0	0.75	60.7	2.39
K06BF06	3/8	3/8-19	22.0	0.87	36.8	1.45	22.0	0.87	64.0	2.52
K06BF06SS	3/8	3/8-19	22.0	0.87	36.8	1.45	22.0	0.87	64.0	2.52
K06BF08	3/8	1/2-14	27.0	1.06	40.5	1.59	27.0	1.06	67.7	2.67
K08BF06	1/2	3/8-19	22.0	0.87	37.9	1.49	22.0	0.87	68.1	2.68
K08BF08	1/2	1/2-14	27.0	1.06	41.0	1.61	27.0	1.06	71.2	2.80
K08BF08SS	1/2	1/2-14	27.0	1.06	41.0	1.61	27.0	1.06	71.2	2.80
K08BF10	1/2	5/8-14	28.6	1.12	38.2	1.50	27.0	1.06	68.4	2.69
K08BF12	1/2	3/4-14	32.0	1.26	45.5	1.79	32.0	1.26	75.7	2.98
K10BF08	5/8	1/2-14	27.0	1.06	41.6	1.64	27.0	1.06	76.9	3.03
K10BF10	5/8	5/8-14	28.6	1.12	38.7	1.52	27.0	1.06	74.0	2.91
K10BF12	5/8	3/4-14	32.0	1.26	46.0	1.81	32.0	1.26	81.3	3.20
K12BF12	3/4	3/4-14	32.0	1.26	46.0	1.81	32.0	1.26	81.4	3.20



K12BF12SS	3/4	3/4-14	32.0	1.26	46.0	1.81	32.0	1.26	81.4	3.20
K12BF16	3/4	1-11	41.0	1.61	50.2	1.98	41.0	1.61	85.6	3.37
K16BF16	1	1-11	41.0	1.61	52.7	2.07	41.0	1.61	93.5	3.68
K16BF16SS	1	1-11	41.0	1.61	52.7	2.07	41.0	1.61	93.5	3.68
K16BF20	1	1-1/4-11	50.0	1.97	59.9	2.36	50.0	1.97	100.7	3.96
K20BF20	1-1/4	1-1/4-11	50.0	1.97	60.3	2.37	50.0	1.97	104.0	4.09
K24BF24	1-1/2	1-1/2-11	60.0	2.36	62.8	2.47	55.0	2.17	97.2	3.83
K32BF32	2	2-11	70.0	2.76	70.7	2.78	70.0	2.76	114.6	4.51

100R1, 100R2, 100R16 & 100R19

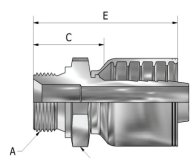
BFF - BSP Female Flat Face



PART NUMBER	Products Description									
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Nipple Hex		Overall length	
			MM	Inch	MM	Inch	MM	Inch	DAE-HAN	Inch
			A	B	C		D		E	
K06BFF06	3/8	3/8-19	22.0	0.87	25.7	1.01	17.5	0.69	52.9	2.08
K06BFF08	3/8	1/2-14	27.0	1.06	25.1	0.99	20.6	0.81	52.3	2.06
K08BFF08	1/2	1/2-14	27.0	1.06	25.5	1.00	22.0	0.87	55.7	2.19

100R1, 100R2, 100R16 & 100R19

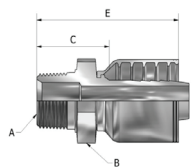
BPM - BSP Male Parallel 60° Cone



PART NUMBER	Products Description									
	Hose In-Dia	Thread PF	Nipple Hex		Tail-Growth		Overall length			
			MM	Inch	MM	Inch	MM	Inch		
			A	B	C		E			
K04BPM04	1/4	1/4-19	19.0	0.75	28.7	1.13	48.1	1.89		
K06BPM06	3/8	3/8-19	22.0	0.87	31.7	1.25	58.9	2.32		
K06BPM08	3/8	1/2-14	27.0	1.06	34.2	1.35	61.4	2.42		
K08BPM08	1/2	1/2-14	27.0	1.06	34.6	1.36	64.8	2.55		
K12BPM12	3/4	3/4-14	36.0	1.42	37.3	1.47	72.7	2.86		
K12BPM16	3/4	1-11	41.0	1.61	41.3	1.63	76.7	3.02		
K16BPM16	1	1-11	41.0	1.61	43.8	1.72	84.6	3.33		

100R1, 100R2, 100R16 & 100R19

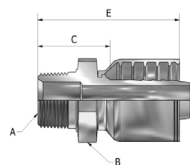
BM - BSP Male Taper



SS = Stainless Steel

PART NUMBER	Products Description									
	Hose In-Dia	Thread PT	Nipple Hex		Tail-Growth		Overall length			
			MM	Inch	MM	Inch	MM	Inch		
			A	B	C		E			
K04BM02	1/4	1/8-28	14.3	0.56	24.7	0.97	45.0	1.77		
K04BM04	1/4	1/4-19	14.3	0.56	28.2	1.11	47.8	1.88		
K04BM06	1/4	3/8-19	22.0	0.87	30.1	1.19	49.7	1.96		
K04BM08	1/4	1/2-14	27.0	1.06	34.7	1.37	54.3	2.14		
K06BM04	3/8	1/4-19	19.0	0.75	31.4	1.24	58.6	2.31		
K06BM06	3/8	3/8-19	22.0	0.87	30.7	1.21	57.9	2.28		

Continued on following page..



K06BM06SS	3/8	3/8-19	22.0	0.87	30.7	1.21	57.9	2.28		
K06BM08	3/8	1/2-14	27.0	1.06	35.3	1.39	62.5	2.46		
K08BM06	1/2	3/8-19	22.0	0.87	32.0	1.26	62.2	2.45		
K08BM08	1/2	1/2-14	27.0	1.06	35.8	1.41	66.0	2.60		
K10BM08	5/8	1/2-14	27.0	1.06	36.3	1.43	71.6	2.82		
K10BM12	5/8	3/4-14	36.0	1.42	40.4	1.59	75.7	2.98		
K12BM12	3/4	3/4-14	36.0	1.42	40.4	1.59	75.8	2.98		
K12BM16	3/4	1"-11	41.0	1.61	45.2	1.78	80.6	3.17		
K16BM16	1	1"-11	41.0	1.61	47.6	1.87	88.4	3.48		
K16BM20	1	1 1/4-11	41.0	1.61	47.6	1.87	88.4	3.48		
K20BM20	1-1/4	1-1/4-11	50.0	1.97	52.6	2.07	96.3	3.79		
K24BM24	1-1/2	1-1/2-11	60.0	2.36	52.8	2.08	87.2	3.43		
K32BM32	2	2"-11	70.0	2.76	63.1	2.48	107.0	4.21		

100R1, 100R2, 100R16 & 100R19

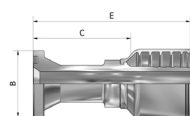
BBPM - BSP Male BULKHEAD Parallel 60° Cone



PART NUMBER	Products Description									
	Hose In-Dia	Thread PF	Nipple Hex		Tail-Growth		Overall length			
			MM	Inch	MM	Inch	MM	Inch		
		A	B		C		E			
K08BBPM08	1/2	1/2-14	27.0	1.06	34.6	1.36				
K10BBPM10	5/8	5/8-14								

100R1, 100R2, 100R16 & 100R19

F61 - SAE Code 61 Flange Straight

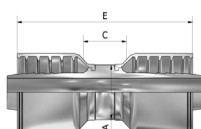


PART NUMBER	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Overall length			
			MM	Inch	MM	Inch	MM	Inch		
		A	B		C		E			
K08F6108	1/2	1/2	30.2	1.19	57.6	2.27	87.8	3.46		
K08F6112	1/2	3/4	38.1	1.50	31.7	1.25	61.9	2.44		
K10F6110	5/8	5/8	34.1	1.34	61.9	2.44	97.2	3.83		
K12F6110	3/4	5/8	34.1	1.34	64.8	2.55	100.2	3.94		
K12F6112	3/4	3/4	38.1	1.50	62.6	2.46	98.0	3.86		
K12F6116	3/4	1	44.5	1.75	34.2	1.35	69.6	2.74		
K12F6120	3/4	1-1/4	50.8	2.00	39.8	1.57	75.2	2.96		
K16F6116	1	1	44.5	1.75	67.1	2.64	107.9	4.25		
K16F6120	1	1-1/4	50.8	2.00	40.4	1.59	81.2	3.20		
K16F6124	1	1-1/2	60.3	2.37	45.6	1.80	86.4	3.40		
K20F6116	1-1/4	1	44.5	1.75	67.6	2.66	111.3	4.38		
K20F6120	1-1/4	1-1/4	50.8	2.00	75.7	2.98	119.4	4.70		
K20F6124	1-1/4	1-1/2	60.3	2.37	38.1	1.50	81.8	3.22		
K24F6124	1-1/2	1-1/2	60.3	2.37	82.2	3.24	116.6	4.59		
K32F6132	2	2	71.4	2.81	83.2	3.28	127.1	5.00		
K32F6140	2	2-1/2	84.1	3.31	53.7	2.11	97.6	3.84		



100R1, 100R2, 100R16 &
100R19

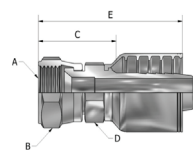
HJ - Hose Joiner



PART NUMBER	Products Description									
	Hose In-Dia	Nipple	Tail-Growth		Overall length					
		MM	Inch	MM	Inch	MM	Inch			
		A		C		E				
K04HJ04	1/4	13.7	0.54	20.5	0.81	59.7	2.35			
K05HJ05	5/16	15	0.59	21.5	0.85	63.4	2.50			
K06HJ06	3/8	17.5	0.69	21.6	0.85	76.0	2.99			
K08HJ08	1/2	21	0.83	24.6	0.97	85.0	3.35			
K10HJ10	5/8	25	0.98	26.6	1.05	97.1	3.82			

100R1, 100R2, 100R16 &
100R19

JF - JIC Female 37° Swivel Straight

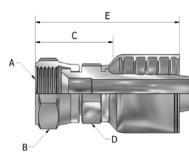


SS = Stainless Steel

PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Nipple Hex		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
K03JF07	3/16	7/16-20	14.3	0.56	32.2	1.27	14.3	0.56	47.9	1.89
K03JF09	3/16	9/16-18	17.5	0.69	34.5	1.36	17.5	0.69	50.2	1.98
K04JF07	1/4	7/16-20	14.3	0.56	29.8	1.17	14.3	0.56	50.1	1.97
K04JF07SS	1/4	7/16-20	14.3	0.56	29.8	1.17	14.3	0.56	50.1	1.97
K04JF08	1/4	1/2-20	15.9	0.62	31.3	1.23	14.3	0.56	51.6	2.03
K04JF09	1/4	9/16-18	17.5	0.69	32.7	1.29	14.3	0.56	53.0	2.09
K04JF09SS	1/4	9/16-18	17.5	0.69	32.7	1.29	14.3	0.56	53.0	2.09
K04JF12	1/4	3/4-16	22.2	0.87	37.5	1.48	20.6	0.81	57.8	2.28
K05JF09	5/16	9/16-18	17.5	0.69	33.2	1.31	17.5	0.69	54.2	2.13
K06JF07	3/8	7/16-20	14.3	0.56	30.0	1.18	17.5	0.69	57.2	2.25
K06JF09	3/8	9/16-18	17.5	0.69	32.5	1.28	17.5	0.69	59.7	2.35
K06JF09SS	3/8	9/16-18	17.5	0.69	32.5	1.28	17.5	0.69	59.7	2.35
K06JF12	3/8	3/4-16	22.2	0.87	35.4	1.39	17.5	0.69	62.6	2.46
K06JF12SS	3/8	3/4-16	22.2	0.87	35.4	1.39	17.5	0.69	62.6	2.46
K06JF14	3/8	7/8-14	25.4	1.00	41.0	1.61	22.2	0.87	68.2	2.69
K08JF09	1/2	9/16-18	17.5	0.69	33.0	1.30	20.6	0.81	63.2	2.49
K08JF12	1/2	3/4-16	22.2	0.87	38.6	1.52	20.6	0.81	68.8	2.71
K08JF12SS	1/2	3/4-16	22.2	0.87	38.6	1.52	20.6	0.81	68.8	2.71
K08JF14	1/2	7/8-14	25.4	1.00	41.5	1.63	22.2	0.87	71.7	2.82
K08JF17	1/2	1-1/16-12	31.8	1.25	39.8	1.57	27.0	1.06	70.0	2.76
K10JF12	5/8	3/4-16	22.2	0.87	36.3	1.43	23.8	0.94	71.6	2.82
K10JF14	5/8	7/8-14	25.4	1.00	39.2	1.54	23.8	0.94	74.5	2.93
K10JF14SS	5/8	7/8-14	25.4	1.00	39.2	1.54	23.8	0.94	74.5	2.93
K10JF17	5/8	1-1/16-12	31.8	1.25	43.6	1.72	27.0	1.06	78.9	3.11
K12JF12	3/4	3/4-16	22.2	0.87	36.4	1.43	27.0	1.06	71.8	2.83
K12JF14	3/4	7/8-14	25.4	1.00	38.9	1.53	27.0	1.06	74.4	2.93

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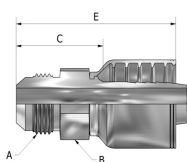
100R1, 100R2, 100R16 & 100R19

JF - JIC Female 37° Swivel Straight *Continued...*


SS = Stainless Steel

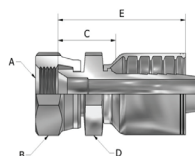
K12JF17	3/4	1-1/16-12	31.8	1.25	45.1	1.78	27.0	1.06	80.5	3.17
K12JF17SS	3/4	1-1/16-12	31.8	1.25	45.1	1.78	27.0	1.06	80.5	3.17
K12JF19	3/4	1-3/16-12	36.0	1.42	45.7	1.80	31.8	1.25	81.1	3.19
K12JF21	3/4	1-5/16-12	38.0	1.50	48.0	1.89	31.8	1.25	83.4	3.28
K16JF17	1	1-1/16-12	31.8	1.25	47.9	1.89	35.0	1.38	88.7	3.49
K16JF21	1	1-5/16-12	38.0	1.50	50.5	1.99	35.0	1.38	91.3	3.59
K16JF21SS	1	1-5/16-12	38.0	1.50	50.5	1.99	35.0	1.38	91.3	3.59
K16JF26	1	1-5/8-12	50.0	1.97	56.4	2.22	41.3	1.62	97.2	3.83
K20JF21	1-1/4	1-5/16-12	38.0	1.50	52.4	2.06	47.6	1.87	96.1	3.78
K20JF26	1-1/4	1-5/8-12	50.0	1.97	56.7	2.23	47.6	1.87	100.4	3.95
K20JF30	1-1/4	1-7/8-12	55.0	2.17	59.8	2.35	54.0	2.13	103.4	4.07
K24JF30	1-1/2	1-7/8-12	55.0	2.17	61.7	2.43	54.0	2.13	96.1	3.78
K32JF40	2	2-1/2-12	73.0	2.87	77.2	3.04	63.5	2.50	121.1	4.77

100R1, 100R2, 100R16 & 100R19

JM - JIC Male 37° Straight


PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nipple Hex		Tail-Growth		Overall Length			
			MM	Inch	MM	Inch	MM	Inch		
		A	B		C		E			
K04JM07	1/4	7/16-20	14.3	0.56	30.8	1.21	51.1	2.01		
K04JM08	1/4	1/2-20	14.3	0.56			47	1.85		
K04JM09	1/4	9/16-18	17.5	0.69	27.3	1.07	47.6	1.87		
K04JM12	1/4	3/4-16	22.2	0.87	36.2	1.43	56.5	2.22		
K06JM09	3/8	9/16-18	19.0	0.75	34.2	1.35	61.4	2.42		
K06JM12	3/8	3/4-16	22.2	0.87	32.7	1.29	59.9	2.36		
K06JM14	3/8	7/8-14	23.8	0.94	35.2	1.39	62.4	2.46		
K08JM12	1/2	3/4-16	22.2	0.87	37.3	1.47	67.5	2.66		
K08JM14	1/2	7/8-14	23.8	0.94	35.7	1.41	65.9	2.59		
K08JM17	1/2	1-1/16-12	28.6	1.12	45.1	1.78	75.3	2.96		
K10JM14	5/8	7/8-14	23.8	0.94	41.8	1.65	77.1	3.04		
K10JM17	5/8	1-1/16-12	28.6	1.12	45.6	1.80	80.9	3.19		
K12JM17	3/4	1-1/16-12	28.6	1.12	45.6	1.80	81.0	3.19		
K12JM21	3/4	1-5/16-12	35.0	1.38	47.4	1.87	82.8	3.26		
K16JM21	1	1-5/16-12	35.0	1.38	51.4	2.02	92.2	3.63		
K16JM26	1	1-5/8-12	47.6	1.87	53.2	2.09	94.0	3.70		
K20JM26	1-1/4	1-5/8-12	47.6	1.87	53.6	2.11	97.2	3.83		

100R1, 100R2, 100R16 & 100R19

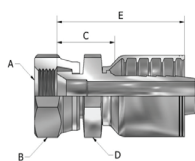
IBF - JIS (BSP) Female Parallel Pipe Swivel 30° Flare Straight


PART NUMBER	Products Description									
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Nipple Hex		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
K04IBF04	1/4	1/4-19	19.0	0.75	22.7	0.89	19.0	0.75	42.3	1.67
K04IBF06	1/4	3/8-19	22.0	0.87	25.5	1.00	22.0	0.87	45.1	1.78

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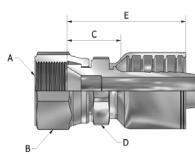
TAIPAN

100R1, 100R2, 100R16 &
100R19

IBF - JIS (BSP) Female Parallel Pipe Swivel 30° Flare Straight


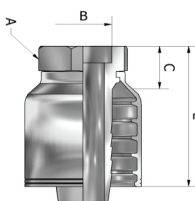
K06IBF06	3/8	3/8-19	22.0	0.87	26.1	1.03	22.0	0.87	53.3	2.10
K08IBF08	1/2	1/2-14	27.0	1.06	27.9	1.10	27.0	1.06	58.1	2.29
K10IBF12	5/8	3/4-14	36.0	1.42	32.4	1.28	36.0	1.42	67.7	2.67
K12IBF12	3/4	3/4-14	36.0	1.42	32.4	1.28	36.0	1.42	67.8	2.67
K16IBF16	1	1-11	41.0	1.61	36.9	1.45	41.0	1.61	77.7	3.06

100R1, 100R2, 100R16 &
100R19

KF - Komatsu Female Swivel Straight 30° Flare JIS Metric


PART NUMBER	Products Description									
	Hose In-Dia	Thread METRIC	Nut Hex		Tail-Growth		Nipple Hex		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
			B		C		D		E	
K04KF14	1/4	M14*1.5P	19.0	0.75	22.5	0.89	19.0	0.75	42.3	1.67
K04KF18	1/4	M18*1.5P	24.0	0.94	25.5	1.00	22.0	0.87	45.1	1.78
K06KF14	3/8	M14*1.5P	19.0	0.75	23.3	0.92	19.0	0.75	50.5	1.99
K06KF16	3/8	M16*1.5P	22.0	0.87	26.1	1.03	22.0	0.87	53.3	2.10
K06KF18	3/8	M18*1.5P	24.0	0.94	26.1	1.03	22.0	0.87	53.3	2.10
K06KF20	3/8	M20*1.5P								
K06KF22	3/8	M22*1.5P	27.0	1.06	27.4	1.08	27.0	1.06	54.6	2.15
K08KF22	1/2	M22*1.5P	27.0	1.06	27.9	1.10	27.0	1.06	58.1	2.29
K08KF24	1/2	M24*1.5P	32.0	1.26	31.4	1.24	30.0	1.18	61.6	2.43
K10KF24	5/8	M24*1.5P	32.0	1.26	31.9	1.26	30.0	1.18	67.2	2.65
K12KF24	3/4	M24*1.5P	32.0	1.26	31.9	1.26	30.0	1.18	67.3	2.65
K12KF30	3/4	M30*1.5P	36.0	1.42	32.4	1.28	32.0	1.26	67.8	2.67
K16KF33	1	M33*1.5P	41.0	1.61	39.0	1.54	36.0	1.42	79.8	3.14
K24KF42	1 1/2	M42*1.5P								

100R1, 100R2, 100R16 &
100R19

LS - Lifesaver


PART NUMBER	Products Description									
	Hose In-Dia	Nipple Hex		In-Dia		Tail-Growth		Overall length		
		MM	Inch			MM	Inch	MM	Inch	
		A				C		E		
K04LS04	1/4	14	0.55	6.35	0.25	13.3	0.52	32.7	1.29	
K04LS05	1/4	14	0.55	8.2	0.32	13.3	0.52	32.7	1.29	
K06LS06	3/8	17.46	0.69	9.5	0.37	13.7	0.54	40.9	1.61	
K06LS08	3/8	17.46	0.69	12.6	0.50	13.7	0.54	40.9	1.61	
K08LS08	1/2	20.63	0.81	12.6	0.50	14.2	0.56	44.4	1.75	
K10LS10	5/8	23.8	0.94	16.2	0.64	17.9	0.70	53.2	2.09	
K12LS12	3/4	27	1.06	19.4	0.76	18.0	0.71	53.3	2.10	
K16LS16	1	35	1.38	25.7	1.01	24.1	0.95	64.9	2.56	
K20LS20	1-1/4	46	1.81	31.8	1.25	26.2	1.03	69.9	2.75	

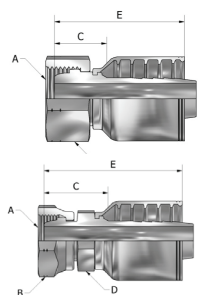
100R1, 100R2, 100R16 &
100R19



MFF - Metric Female Flat Face Straight

PART NUMBER	Products Description									
	Hose In-Dia	Thread METRIC	Nut Hex		Tail-Growth		Nipple Hex		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
K04MFF14	1/4	M14*1.5P								
K06MFF16	3/8	M16*1.5P								
K06MFF18	3/8	M18*1.5P								
K08MFF22	1/2	M22*1.5P								
K10MFF27	5/8	M27*1.5P								
K12MFF30	3/4	M30*2P								
K12MFF36	3/4	M36*2P								
K16MFF36	1	M36*2P								
K16MFF39	1	M39*2P								
K16MFF42	1	M42*2P								

100R1, 100R2, 100R16 &
100R19



(L) = Light Series
Metric
(S) = Heavy Series
Metric

MF - Metric Female Ball Nose Straight 24° Cone

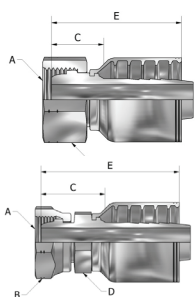
PART NUMBER	Products Description									
	Hose In-Dia	Thread METRIC	Nut Hex		Tail-Growth		Nipple Hex		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
K04MF0612A (L)	1/4	M12*1.5P	15.9	0.62	25.6	1.01	14.0	0.55	45.2	1.78
K04MF0614A (S)	1/4	M14*1.5P	17.5	0.69	24.7	0.97	14.0	0.55	45.0	1.77
K04MF0814A (L)	1/4	M14*1.5P	17.5	0.69	26.0	1.02	17.0	0.67	45.6	1.80
K04MF0816A (S)	1/4	M16*1.5P	19.0	0.75	19.6	0.77			39.2	1.54
K04MF1016A (L)	1/4	M16*1.5P	19.0	0.75	30.1	1.19	19.0	0.75	50.4	1.98
K04MF1018A (S)	1/4	M18*1.5P	22.0	0.87	21.8	0.86			41.4	1.63
K04MF1218A (L)	1/4	M18*1.5P	22.0	0.87	21.8	0.86			41.4	1.63
K06MF0816A (S)	3/8	M16*1.5P	19.0	0.75	28.4	1.12	17.0	0.67	55.6	2.19
K06MF1016A (L)	3/8	M16*1.5P	19.0	0.75	31.4	1.24	19.0	0.75	58.6	2.31
K06MF1018A (S)	3/8	M18*1.5P	22.0	0.87	32.9	1.30	17.0	0.67	60.1	2.37
K06MF1218A (L)	3/8	M18*1.5P	22.0	0.87	31.3	1.23	17.0	0.67	58.5	2.30
K06MF1220A (S)	3/8	M20*1.5P	24.0	0.94	24.4	0.96			51.6	2.03
K06MF1422A (S)	3/8	M22*1.5P	27.0	1.06	24.3	0.96			51.5	2.03
K06MF1522A (L)	3/8	M22*1.5P	27.0	1.06	23.8	0.94			51.0	2.01
K08MF1218A (L)	1/2	M18*1.5P	22.0	0.87	32.9	1.30	22.0	0.87	63.1	2.48
K08MF1422A (S)	1/2	M22*1.5P	27.0	1.06	35.6	1.40	22.0	0.87	65.8	2.59
K08MF1522A (L)	1/2	M22*1.5P	27.0	1.06	35.6	1.40	22.0	0.87	65.8	2.59
K08MF1624A (S)	1/2	M24*1.5P	30.0	1.18	27.4	1.08			55.6	2.19
K08MF1826A (L)	1/2	M26*1.5P	32.0	1.26	24.3	0.96			54.5	2.15
K10MF1826A (L)	5/8	M26*1.5P	32.0	1.26	33.8	1.33	24.0	0.94	69.1	2.72
K10MF2030B (S)	5/8	M30*2.0P	36.0	1.42						

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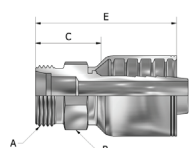
TAIPAN

100R1, 100R2, 100R16 &
100R19

MF - Metric Female Ball Nose Straight 24° Cone *Continued...*


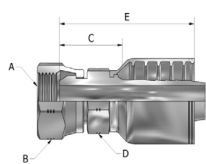
K10MF2536B (S)	5/8	M36*2.0P								
K12MF1826A (L)	3/4	M26*1.5P								
K12MF2030B (S)	3/4	M30*2.0P	36.0	1.42	272	1.07			62.6	2.46
K12MF2230A	3/4	M30*1.5P	36.0	1.42	26.6	1.05			62.0	2.44
K12MF2230B (L)	3/4	M30*2.0P								
K12MF2536B (S)	3/4	M36*2.0P	46.0	1.81	28.2	1.11			63.6	2.50
K16MF2836B (L)	1	M36*2.0P	43.0	1.69	46.9	1.85	35.0	1.38	87.7	3.45
K16MF3042B (S)	1	M42*2.0P	50.0	1.97	32.1	1.26			72.9	2.87
K20MF3545B (L)	1-1/4	M45*2.0P	50.0	1.97	51.1	2.01			94.7	3.73

100R1, 100R2, 100R16 &
100R19

MM - Metric Male Straight 24° Cone

(L) = Light Series
Metric
(S) = Heavy Series
Metric

PART NUMBER	Products Description									
	Hose In-Dia	Thread METRIC	Nipple Hex		Tail-Growth		Overall length			
			MM	Inch	MM	Inch	MM	Inch		
		A	B		C		E			
K04MM0612A (L)	1/4	M12*1.5P	14.0	0.55	23.0	0.91	42.6	1.68		
K04MM0614A (S)	1/4	M14*1.5P	14.0	0.55						
K04MM0814A (L)	1/4	M14*1.5P	14.0	0.55	23.0	0.91	42.6	1.68		
K04MM0816A (S)	1/4	M16*1.5P	17.0	0.67	25.0	0.98	44.6	1.76		
K04MM1016A (L)	1/4	M16*1.5P	19.0	0.75	23.9	0.94	43.5	1.71		
K04MM1018A (S)	1/4	M18*1.5P	19.0	0.75	26.8	1.06	46.6	1.83		
K06MM0814A (L)	3/8	M14*1.5P	14.0	0.55	27.2	1.07				
K06MM0816A (S)	3/8	M16*1.5P	19.0	0.75	27.2	1.07	54.4	2.14		
K06MM1016A (L)	3/8	M16*1.5P	19.0	0.75	26.2	1.03	53.4	2.10		
K06MM1018A (S)	3/8	M18*1.5P	22.0	0.87	28.1	1.11	55.3	2.18		
K06MM1218A (L)	3/8	M18*1.5P	19.0	0.75	26.2	1.03	53.4	2.10		
K06MM1220A (S)	3/8	M20*1.5P	22.0	0.87	29.2	1.15	56.4	2.22		
K06MM1422A (S)	3/8	M22*1.5P	22.0	0.87	31.1	1.22	58.3	2.30		
K06MM1522A (L)	3/8	M22*1.5P	22.0	0.87	29.1	1.15	56.3	2.22		
K08MM1218A (L)	1/2	M18*1.5P	22.0	0.87	28.6	1.13	58.8	2.31		
K08MM1422A (S)	1/2									
K08MM1522A (L)	1/2	M22*1.5P	22.0	0.87	29.6	1.17	59.8	2.35		
K08MM1624A (S)	1/2	M24*1.5P	24.0	0.94	31.6	1.24	61.8	2.43		
K08MM1826A (L)	1/2	M26*1.5P	27.0	1.06	31.8	1.25	62.0	2.44		
K10MM1826A (L)	5/8	M26*1.5P	27.0	1.06	32.3	1.27	67.6	2.66		
K10MM2030B (S)	5/8	M30*2.0P	30.0	1.18	36.3	1.43	71.6	2.82		
K12MM2030B (S)	3/4	M30*2.0P	30.0	1.18	34.0	1.34	69.4	2.73		
K12MM2230B (L)	3/4	M30*2.0P	30.0	1.18	34.0	1.34	69.4	2.73		
K12MM2536B (S)	3/4	M36*2.0P	41.0	1.61	38.5	1.52	73.9	2.91		
K12MM3042B (S)	3/4	M42*2.0P	46.0	1.81	41.6	1.64	77.0	3.03		
K16MM2536B (S)	1	M36*2.0P	41.0	1.61	41.0	1.61	81.8	3.22		
K16MM2836B (L)	1	M36*2.0P	36.0	1.42	36.6	1.44	77.4	3.05		
K16MM3042B (S)	1	M42*2.0P	46.0	1.81	44.1	1.74	84.9	3.34		

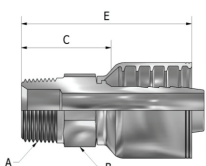
100R1, 100R2, 100R16 &
100R19



NF - NPT Female S/W Straight

PART NUMBER	Products Description									
	Hose In-Dia	Thread NPSM	Nut Hex		Tail-Growth		Nipple Hex		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
K04NF04	1/4	1/4-18	19.0	0.75	26.7	1.05	14.3	0.56	47.0	1.85
K06NF06	3/8	3/8-18	22.0	0.87	27.2	1.07	17.5	0.69	54.4	2.14
K08NF08	1/2	1/2-14	25.4	1.00	29.4	1.16	23.8	0.94	59.6	2.35

100R1, 100R2, 100R16 &
100R19

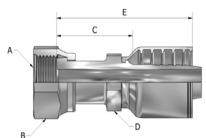


SS = Stainless Steel

NM - Taper Male NPT Straight

PART NUMBER	Products Description									
	Hose In-Dia	Thread NPTF	Nipple Hex		Tail-Growth		Overall Length			
			MM	Inch	MM	Inch	MM	SAE		
		A	B		C		E			
K04NM02	1/4	1/8-27	14.3	0.56	26.0	1.02	45.6	1.80		
K04NM04	1/4	1/4-18	14.3	0.56	31.6	1.24	51.2	2.02		
K04NM04SS	1/4	1/4-18	14.3	0.56	31.6	1.24	51.2	2.02		
K04NM06	1/4	3/8-18	17.5	0.69	27.8	1.09	47.4	1.87		
K06NM04	3/8	1/4-18	19.0	0.75	32.2	1.27	59.4	2.34		
K06NM06	3/8	3/8-18	19.0	0.75	34.5	1.36	61.7	2.43		
K06NM08	3/8	1/2-14	22.2	0.87	35.0	1.38	62.2	2.45		
K08NM06	1/2	3/8-18	22.0	0.87	34.9	1.37	65.1	2.56		
K08NM08	1/2	1/2-14	22.0	0.87	41.3	1.63	71.5	2.81		
K08NM08SS	1/2	1/2-14	22.0	0.87	41.3	1.63	71.5	2.81		
K12NM12	3/4	3/4-14	27.0	1.06	43.0	1.69	78.4	3.09		
K16NM16	1	1-11-1/2	35.0	1.38	50.4	1.98	91.2	3.59		
K16NM16SS	1	1-11-1/2	35.0	1.38	50.4	1.98	91.2	3.59		
K20NM20	1-1/4	1-1/4-11-1/2	44.5	1.75	59.9	2.36	103.6	4.08		
K24NM24	1-1/2	1-1/2-11-1/2	50.8	2.00	54.5	2.15	88.9	3.50		
K32NM32	2	2-11-1/2	63.5	2.50	59.3	2.33	103.2	4.06		

100R1, 100R2, 100R16 &
100R19



FO - Female O-Ring Face Seal Swivel Straight

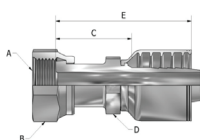
PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Nipple Hex		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
K04FO09	1/4	9/16-18	17.5	0.69	33.1	1.30	14.3	0.56	52.7	2.07
K04FO11	1/4	11/16-16	22.0	0.87	31.6	1.24	17.5	0.69	51.2	2.02
K06FO09	3/8	9/16-18	17.5	0.69	33.5	1.32	17.5	0.69	60.7	2.39
K06FO11	3/8	11/16-16	22.0	0.87	32.2	1.27	17.5	0.69	59.4	2.34
K06FO13	3/8	13/16-16	23.8	0.94	38.5	1.52	20.6	0.81	65.7	2.59

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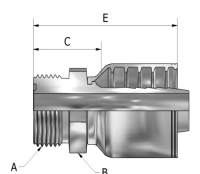
TAIPAN

100R1, 100R2, 100R16 &
100R19

FO - Female O-Ring Face Seal Swivel Straight *Continued...*


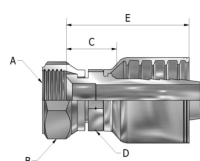
K06FO16	3/8	1-14	30.0	1.18	44.5	1.75	23.8	0.94	71.7	2.82
K08FO11	1/2	11/16-16	22.0	0.87	32.7	1.29	20.6	0.81	62.9	2.48
K08FO13	1/2	13/16-16	23.8	0.94	39.8	1.57	22.0	0.87	70.0	2.76
K08FO16	1/2	1-14	30.0	1.18	42.8	1.69	23.8	0.94	73.0	2.87
K08FO19	1/2	1-3/16-12	36.0	1.42	48.1	1.89	28.6	1.12	78.3	3.08
K10FO16	5/8	1-14	30.0	1.18	43.3	1.70	23.8	0.94	78.6	3.09
K10FO19	5/8	1-3/16-12	36.0	1.42	48.0	1.89	28.6	1.12	83.3	3.28
K12FO16	3/4	1-14	30.0	1.18	46.0	1.81	27.0	1.06	81.4	3.20
K12FO19	3/4	1-3/16-12	36.0	1.42	48.6	1.91	28.6	1.12	84.0	3.31
K12FO23	3/4	1-7/16-12	41.0	1.61	50.2	1.98	35.0	1.38	85.6	3.37
K16FO23	1	1-7/16-12	41.0	1.61	51.1	2.01	35.0	1.38	91.9	3.62
K16FO27	1	1-11/16-12	50.0	1.97	55.2	2.17	41.0	1.61	96.0	3.78
K20FO27	1-1/4	1-11/16-12	50.0	1.97	52.1	2.05	46.0	1.81	95.8	3.77

100R1, 100R2, 100R16 &
100R19

MO - Male O-Ring Face Seal


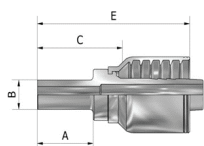
PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nipple Hex		Tail-Growth		Overall length			
			MM	Inch	MM	Inch	MM	Inch		
			B		C		E			
K04MO09	1/4	9/16-18	17.0	0.67	24.2	0.95	44.5	1.75		
K04MO11	1/4	11/16-16	19.0	0.75	25.4	1.00	45.7	1.80		
K06MO11	3/8	11/16-16	19.0	0.75	26.0	1.02	53.2	2.09		
K06MO13	3/8	13/16-16	22.0	0.87	31.3	1.23	58.5	2.30		
K08MO13	1/2	13/16-16	22.0	0.87	31.8	1.25	62.0	2.44		
K08MO16	1/2	1"-14	27.0	1.06	36.8	1.45	67.0	2.64		
K10MO16	5/8	1"-14	27.0	1.06	37.3	1.47	72.6	2.86		
K10MO19	5/8	1-3/16-12	32.0	1.26	34.5	1.36	69.8	2.75		
K12MO19	3/4	1-3/16-12	32.0	1.26	34.5	1.36	69.9	2.75		

100R1, 100R2, 100R16 &
100R19

SF - SAE Female Straight


PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Nipple Hex		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
			B		C		D		E	
K06SF10	3/8	5/8-18	19.0	0.75	23.6	0.93	17.5	0.69	50.8	2.00
K10SF17	5/8	1-1/16-14								
K12SF17	3/4	1-1/16-14	32.0	1.26	27.3	1.07	25.4	1.00	62.7	2.47

100R1, 100R2, 100R16 & 100R19



SPM - Stand Pipe Male Straight

PART NUMBER	Products Description									
	Hose In-Dia	Length		Out-Dia		Tail-Growth		Overall Length		
		MM	Inch	MM	Inch	MM	Inch	MM	Inch	
		A		B		C		E		
K04SPM06	1/4	22	0.87	6.0	0.24	31.9	1.26	52.2	2.06	

100R1, 100R2, 100R16 & 100R19

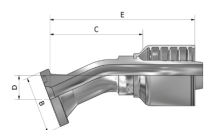


PM - UNO Male Straight

PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nipple Hex		Tail-Growth		Overall Length			
			MM	Inch	MM	Inch	MM	Inch		
		A	B		C		E			
K04PM09	1/4									
K06PM09	3/8	9/16-18			34.2	1.35				
K06PM12	3/8	3/4-16			32.7	1.29				
K08PM12	1/2	3/4-16			37.3	1.47				
K08PM14	1/2	7/8-14			35.7	1.41				

22.5 Degree

100R1, 100R2, 100R16 & 100R19

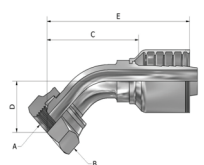


F61 - SAE Code 61 Flange 22.5° Elbow

PART NUMBER	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
K12F611222.5	3/4	3/4	38.1	1.50	68.0	2.68	15.8	0.62	103.3	4.07
K20F612022.5	1-1/4	1-1/4	50.8	2.00	98.1	3.86	19.7	0.78	141.8	5.58

45 Degree

100R1, 100R2, 100R16 & 100R19



SS = Stainless Steel

BF - BSP Female Parallel Pipe Swivel 45° Elbow 60° Cone

PART NUMBER	Products Description									
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Drop		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
K04BF0445	1/4	1/4-19	19.0	0.75	40.3	1.59	19.8	0.78	59.8	2.35
K04BF0445SS	1/4	1/4-19	19.0	0.75	40.3	1.59	19.8	0.78	59.8	2.35
K04BF0645	1/4	3/8-19	22.0	0.87	42.7	1.68	22.2	0.87	63.0	2.48
K06BF0645	3/8	3/8-19	22.0	0.87	44.9	1.77	22.2	0.87	72.1	2.84
K06BF0845	3/8	1/2-14	27.0	1.06	58.5	2.30	28.8	1.13	85.7	3.37
K08BF0845	1/2	1/2-14	27.0	1.06	53.8	2.12	28.0	1.10	84.0	3.31
K10BF1045	5/8	5/8-14	28.6	1.12	53.0	2.09	24.3	0.96	88.3	3.48

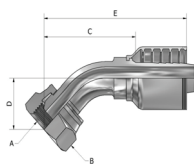
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TAIPAN

100R1, 100R2, 100R16 &
100R19

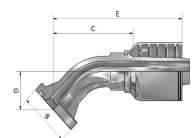
BF - BSP Female Parallel Pipe Swivel 45° Elbow 60° Cone *Continued...*



K12BF1245	3/4	3/4-14	32.0	1.26	68.0	2.68	32.3	1.27	103.3	4.07
K16BF1645	1	1-11	41.0	1.61	86.0	3.39	40.4	1.59	126.8	4.99
K20BF2045	1-1/4	1-1/4-11	50.0	1.97	114.8	4.52	55.5	2.19	158.5	6.24
K24BF2445	1-1/2	1-1/2-11	55.0	2.17	130.0	5.12	60.1	2.37	164.4	6.47
K32BF3245	2	2-11	70.0	2.76	159.1	6.26	68.8	2.71	203.0	7.99

100R1, 100R2, 100R16 &
100R19

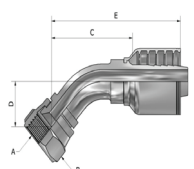
F61 - SAE Code 61 Flange 45° Elbow



PART NUMBER	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
			B		C		D		E	
K08F610845	1/2	1/2	30.2	1.19	51.6	2.03	21.5	0.85	81.8	3.22
K08F611245	1/2	3/4	38.1	1.50	52.3	2.06	22.0	0.87	82.5	3.25
K12F611245	3/4	3/4	38.1	1.50	62.4	2.46	26.0	1.02	97.8	3.85
K12F611645	3/4	1	44.5	1.75	64.2	2.53	28.0	1.10	99.6	3.92
K16F611645	1	1	44.5	1.75	79.3	3.12	32.0	1.26	120.1	4.73
K16F612045	1	1-1/4	50.8	2.00	76.0	2.99	32.0	1.26	116.8	4.60
K20F612045	1-1/4	1-1/4	50.8	2.00	98.3	3.87	38.0	1.50	142.0	5.59
K20F612445	1-1/4	1-1/2	60.3	2.37	98.3	3.87	38.0	1.50	142.0	5.59
K24F612445	1-1/2	1-1/2	60.3	2.37	112.4	4.43	41.0	1.61	146.8	5.78
K32F613245	2	2	71.4	2.81	140.2	5.52	50.0	1.97	184.1	7.25

100R1, 100R2, 100R16 &
100R19

JF - JIC Female 37° Swivel 45° Elbow



PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
			B		C		D		E	
K04JF0745	1/4	7/16-20	14.3	0.56	30.4	1.20	10.0	0.39	50.6	1.99
K04JF0845	1/4	1/2-20	15.9	0.62	30.4	1.20	10.0	0.39	50.7	2.00
K04JF0945	1/4	9/16-18	17.5	0.69	31.4	1.24	11.0	0.43	51.7	2.04
K06JF0945	3/8	9/16-18	17.5	0.69	33.7	1.33	11.0	0.43	60.9	2.40
K06JF1245	3/8	3/4-16	22.2	0.87	36.7	1.44	14.0	0.55	63.9	2.52
K06JF1445	3/8	7/8-14	25.4	1.00	40.7	1.60	15.0	0.59	67.9	2.67
K08JF1245	1/2	3/4-16	22.2	0.87	41.1	1.62	15.0	0.59	71.3	2.81
K08JF1445	1/2	7/8-14	25.4	1.00	41.1	1.62	15.0	0.59	71.3	2.81
K08JF1745	1/2	1-1/16-12	31.8	1.25	47.8	1.88	20.0	0.79	78.0	3.07
K10JF1445	5/8	7/8-14	25.4	1.00	44.2	1.74	16.0	0.63	79.4	3.13
K10JF1745	5/8	1-1/16-12	31.8	1.25	55.7	2.19	21.0	0.83	91.0	3.58
K12JF1745	3/4	1-1/16-12	31.8	1.25	64.0	2.52	27.0	1.06	99.4	3.91
K12JF2145	3/4	1-5/16-12	38.1	1.50	59.7	2.35	24.0	0.94	95.1	3.74
K16JF2145	1	1-5/16-12	38.1	1.50	78.5	3.09	33.0	1.30	119.3	4.70
K20JF2645	1-1/4	1-5/8-12	50.0	1.97	102.3	4.03	45.0	1.77	146.0	5.75
K24JF3045	1-1/2	1-7/8-12	55.0	2.17	123.9	4.88	52.0	2.05	158.3	6.23
K32JF4045	2	2-1/2-12	73.0	2.87	145.9	5.74	55.7	2.19	189.8	7.47

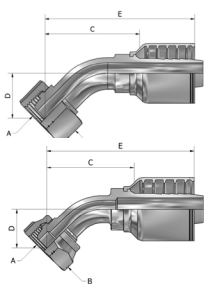
100R1, 100R2, 100R16 &
100R19



MFF - Flat Face Metric Female - 45°

PART NUMBER	Products Description									
	Hose In-Dia	Thread METRIC	Nut Hex		Tail-Growth		Drop		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
K04MFF1445	1/4	M14*1.5P								
K06MFF1645	3/8	M16*1.5P								
K06MFF1845	3/8	M18*1.5P								
K08MFF2245	1/2	M22*1.5P								
K10MFF2745	5/8	M27*1.5P								
K12MFF3045	3/4	M30*2P								

100R1, 100R2, 100R16 &
100R19



(L) = Light Series
Metric
(S) = Heavy Series
Metric

MF - Metric Female Ball Nose 45° Elbow 24° Cone

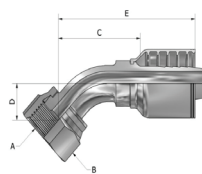
PART NUMBER	Products Description									
	Hose In-Dia	Thread METRIC	Nut Hex		Tail-Growth		Drop		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
K04MF0612A45 (L)	1/4	M12*1.5P	15.8	0.62	38.4	1.51	15.0	0.59	58.0	2.28
K04MF0614A45 (S)	1/4	M14*1.5P	17.5	0.69	39.4	1.55	16.0	0.63	59.0	2.32
K04MF0814A45 (L)	1/4	M14*1.5P	17.5	0.69	39.4	1.55	16.0	0.63	59.0	2.32
K04MF0816A45 (S)	1/4	M16*1.5P	19.0	0.75	40.5	1.59	15.4	0.61	60.1	2.37
K04MF1016A45 (L)	1/4	M16*1.5P	19.0	0.75	40.5	1.59	15.4	0.61	60.1	2.37
K04MF1018A45 (S)	1/4	M18*1.5P	22.0	0.87	40.9	1.61	15.8	0.62	60.5	2.38
K04MF1218A45 (L)	1/4	M18*1.5P	22.0	0.87	40.9	1.61	15.8	0.62	60.5	2.38
K06MF0816A45 (S)	3/8	M16*1.5P	19.0	0.75	39.1	1.54	16.4	0.65	66.3	2.61
K06MF1016A45 (L)	3/8	M16*1.5P	19.0	0.75	39.7	1.56	17.0	0.67	66.9	2.63
K06MF1018A45 (S)	3/8	M18*1.5P	22.0	0.87	44.7	1.76	22.0	0.87	71.9	2.83
K06MF1218A45 (L)	3/8	M18*1.5P	22.0	0.87	45.8	1.80	18.0	0.71	73.0	2.87
K06MF1220A45 (S)	3/8	M20*1.5P	24.0	0.94	46.7	1.84	19.0	0.75	73.9	2.91
K06MF1422A45 (S)	3/8	M22*1.5P	27.0	1.06	42.7	1.68	20.0	0.79	69.9	2.75
K06MF1522A45 (L)	3/8	M22*1.5P	27.0	1.06	42.7	1.68	20.0	0.79	69.9	2.75
K08MF1522A45 (L)	1/2	M22*1.5P	27.0	1.06	53.7	2.11	20.0	0.79	83.9	3.30
K08MF1624A45 (S)	1/2	M24*1.5P	30.0	1.18	59.0	2.32	24.0	0.94	89.2	3.51
K08MF1826A45 (L)	1/2	M26*1.5P	32.0	1.26	59.0	2.32	24.0	0.94	89.2	3.51
K10MF1826A45 (L)	5/8	M26*1.5P	32.0	1.26	53.3	2.10	24.2	0.95	88.6	3.49
K10MF2030B45 (S)	5/8	M30*2.0P	36.0	1.42	57.2	2.25	28.0	1.10	92.4	3.64
K12MF1826A45 (L)	3/4	M26*1.5P	32.0	1.26	55.9	2.20	24.2	0.95	91.2	3.59
K12MF2030B45 (S)	3/4	M30*2.0P	36.0	1.42	65.3	2.57	29.6	1.17	100.7	3.96
K12MF2230B45 (L)	3/4	M30*2.0P	36.0	1.42	65.3	2.57	29.6	1.17	100.7	3.96
K12MF2536B45 (S)	3/4	M36*2.0P	46.0	1.81	64.3	2.53	30.5	1.20	99.6	3.92
K16MF2836B45 (L)	1	M36*2.0P	43.0	1.69	78.5	3.09	35.0	1.38	119.3	4.70
K16MF3042B45 (S)	1	M42*2.0P	50.0	1.97	80.5	3.17	37.0	1.46	121.3	4.78
K20MF3545B45 (L)	1-1/4	M45*2.0P	50.0	1.97	108.3	4.26	48.0	1.89	152.0	5.98



TAIPAN

100R1, 100R2, 100R16 & 100R19

FO - Female O-Ring Face Seal Swivel 45° Elbow

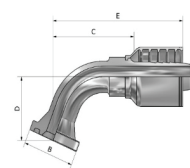


PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
K04FO0945	1/4	9/16-18	17.5	0.69	30.5	1.20	10.0	0.39	50.8	2.00
K04FO1145	1/4	11/16-16	22.0	0.87	31.3	1.23	10.9	0.43	50.9	2.00
K06FO1145	3/8	11/16-16	22.0	0.87	33.7	1.33	11.0	0.43	60.9	2.40
K06FO1345	3/8	13/16-16	23.8	0.94	39.6	1.56	15.0	0.59	66.8	2.63
K08FO1345	1/2	13/16-16	23.8	0.94	41.0	1.61	15.0	0.59	71.2	2.80
K08FO1645	1/2	1-14	30.0	1.18	43.6	1.72	16.0	0.63	73.8	2.91
K10FO1645	5/8	1-14	30.0	1.18	44.2	1.74	16.0	0.63	79.4	3.13
K10FO1945	5/8	1-3/16-12	36.0	1.42	56.8	2.24	21.0	0.83	92.1	3.63
K12FO1945	3/4	1-3/16-12	36.0	1.42	56.8	2.24	21.1	0.83	92.2	3.63
K12FO2345	3/4	1-7/16-12	41.0	1.61	62.2	2.45	26.5	1.04	97.6	3.84
K16FO2345	1	1-7/16-12	41.0	1.61	70.2	2.76	24.0	0.94	111.0	4.37
K20FO2745	1-1/4	1-11/16-12	50.0	1.97	101.2	3.98	41.0	1.61	144.9	5.70

67.5 Degree

100R1, 100R2, 100R16 & 100R19

F61 - SAE Code 61 Flange 67.5° Elbow

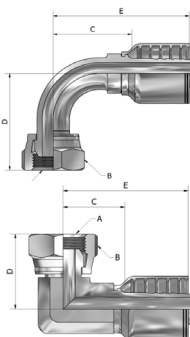


PART NUMBER	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
K16F6116675	1	1	44.5	1.75	80.9	3.19	61.4	2.42	121.7	4.79
K20F6124675	1-1/4	1-1/2	60.3	2.37	92.1	3.63	49.0	1.93	135.7	5.34

90 Degree

100R1, 100R2, 100R16 & 100R19

BF - BSP Female Parallel Pipe Swivel 90° Elbow 60° Cone



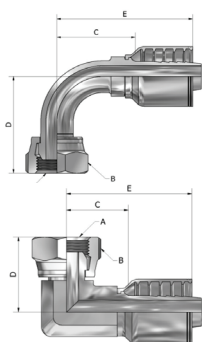
PART NUMBER	Products Description									
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Drop		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
K04BF0490-29MM	1/4	1/4-19	19.0	0.75	25.7	1.01	34.4	1.35	45.3	1.78
K04BF0490B-24.4MM	1/4	1/4-19	19.0	0.75	21.8	0.86	29.6	1.17	41.4	1.63
K04BF0490L-49MM	1/4	1/4-19	19.0	0.75	25.7	1.01	54.2	2.13	45.3	1.78
K04BF0490SS-29MM	1/4	1/4-19	19.0	0.75	25.7	1.01	34.4	1.35	45.3	1.78
K04BF0690-33MM	1/4	3/8-19	22.0	0.87	25.7	1.01	40.4	1.59	45.3	1.78

B = Block
SS = Stainless Steel
L = Long Drop

Continued on following page..

100R1, 100R2, 100R16 &
100R19

BF - BSP Female Parallel Pipe Swivel 90° Elbow 60° Cone *Continued...*

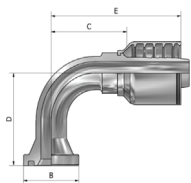


B = Block
SS = Stainless Steel
L = Long Drop

K06BF0690-33MM	3/8	3/8-19	22.0	0.87	30.3	1.19	40.4	1.59	57.5	2.26
K06BF0690B-29.7MM	3/8	3/8-19	22.0	0.87	26.3	1.04	35.4	1.39	53.5	2.11
K06BF0690L-55MM	3/8	3/8-19	22.0	0.87	30.3	1.19	62.4	2.46	57.5	2.26
K06BF0890-40.9MM	3/8	1/2-14	27.0	1.06	38.5	1.52	50.6	1.99	65.7	2.59
K08BF0890-40.9MM	1/2	1/2-14	27.0	1.06	37.8	1.49	50.6	1.99	68.0	2.68
K08BF0890B-32.3MM	1/2	1/2-14	27.0	1.06	28.5	1.12	42.0	1.65	62.7	2.47
K08BF0890L-80MM	1/2	1/2-14	27.0	1.06	34.9	1.37	89.7	3.53	65.1	2.56
K08BF0890SS-40.9MM	1/2	1/2-14	27.0	1.06	37.8	1.49	50.6	1.99	68.0	2.68
K10BF1090-42.6MM	5/8	5/8-14	28.6	1.12	40.3	1.59	51.8	2.04	75.6	2.98
K12BF1290-55MM	3/4	3/4-14	32.0	1.26	52.3	2.06	64.0	2.52	87.6	3.45
K12BF1290B-36MM	3/4	3/4-14	36.0	1.42	37.9	1.49	45.0	1.77	73.2	2.88
K12BF1290SS-55MM	3/4	3/4-14	32.0	1.26	52.3	2.06	64.0	2.52	87.6	3.45
K16BF1690-73.5MM	1	1-11	41.0	1.61	78.8	3.10	84.0	3.31	119.6	4.71
K16BF1690L-110MM	1	1-11	41.0	1.61	78.8	3.10	120.5	4.74	119.6	4.71
K20BF2090-88.5MM	1-1/4	1-1/4-11	50.0	1.97	85.7	3.37	101.9	4.01	129.4	5.09
K24BF2490-110MM	1-1/2	1-1/2-11	55.0	2.17	102.1	4.02	120.0	4.72	136.5	5.37
K32BF3290-138MM	2	2-11	70.0	2.76	141.5	5.57	152.9	6.02	185.4	7.30

100R1, 100R2, 100R16 &
100R19

F61 - SAE Code 61 Flange 90° Elbow



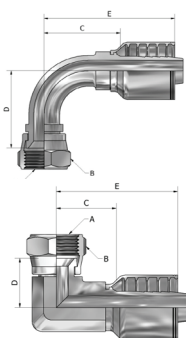
L = Long Drop

PART NUMBER	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
K08F610890-43MM	1/2	1/2	30.2	1.19	47.8	1.88	43.0	1.69	78.0	3.07
K08F611290-50MM	1/2	3/4	38.1	1.50	44.9	1.77	50.0	1.97	75.1	2.96
K10F611090-53MM	5/8	5/8	34.1	1.34	45.3	1.78	53.0	2.09	80.6	3.17
K12F611290-58MM	3/4	3/4	38.1	1.50	53.8	2.12	58.0	2.28	89.1	3.51
K12F611290L-83MM	3/4	3/4	38.1	1.50	53.8	2.12	83.0	3.27	89.1	3.51
K12F611690-56.9MM	3/4	1	44.5	1.75	53.8	2.12	58.0	2.28	89.1	3.51
K16F611690-70MM	1	1	44.5	1.75	66.3	2.61	70.0	2.76	107.1	4.22
K16F611690L-117MM	1	1	44.5	1.75	66.3	2.61	117.0	4.61	107.1	4.22
K16F612090-70MM	1	1-1/4	50.8	2.00	66.3	2.61	70.0	2.76	107.1	4.22
K16F612090L-117MM	1	1-1/4	50.8	2.00	91.3	3.59	117.0	4.61	132.1	5.20
K20F611690-70MM	1-1/4	1	44.5	1.75	68.5	2.70	70.0	2.76	112.2	4.42
K20F612090-82MM	1-1/4	1-1/4	50.8	2.00	86.7	3.41	82.0	3.23	130.4	5.13
K20F612090L-140MM	1-1/4	1-1/4	50.8	2.00	106.7	4.20	140.0	5.51	150.4	5.92
K20F612490-90MM	1-1/4	1-1/2	60.3	2.37	86.7	3.41	90.0	3.54	130.4	5.13
K24F612490-104MM	1-1/2	1-1/2	60.3	2.37	103.6	4.08	104.0	4.09	138.0	5.43
K32F613290-120MM	2	2	71.4	2.81	137.1	5.40	120.0	4.72	181.0	7.13
K32F614090-125MM	2	2 1/2								



TAIPAN

100R1, 100R2, 100R16 &
100R19



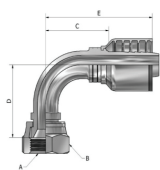
B = Block
L = Long Drop

JF - JIC Female 37° Swivel 90° Elbow

PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
K04JF0790-21MM	1/4	7/16-20	14.3	0.56	25.6	1.01	21.0	0.83	45.2	1.78
K04JF0790B-19.8MM	1/4	7/16-20	14.3	0.56	21.8	0.86	19.8	0.78	41.4	1.63
K04JF0790L-46MM	1/4	7/16-20	14.3	0.56	25.4	1.00	46.0	1.81	45.2	1.78
K04JF0890-21MM	1/4	1/2-20	15.9	0.62	25.9	1.02	21.0	0.83	45.5	1.79
K04JF0990-22MM	1/4	9/16-18	17.5	0.69	25.4	1.00	22.0	0.87	45.3	1.78
K04JF0990B-21.2MM	1/4	9/16-18	17.5	0.69	21.8	0.86	21.2	0.83	41.4	1.63
K04JF0990L-30MM	1/4	9/16-18	17.5	0.69	25.7	1.01	30.0	1.18	46.0	1.81
K04JF0990L-47MM	1/4	9/16-18	17.5	0.69	25.4	1.00	47.0	1.85	45.3	1.78
K06JF0990-23MM	3/8	9/16-18	17.5	0.69	30.3	1.19	23.0	0.91	57.5	2.26
K06JF0990-30MM	3/8	9/16-18	17.5	0.69	30.3	1.19	30.0	1.18	57.5	2.26
K06JF0990B-23MM	3/8	9/16-18	17.5	0.69	26.3	1.04	23.0	0.91	53.5	2.11
K06JF0990L-55MM	3/8	9/16-18	17.5	0.69	30.3	1.19	55.0	2.17	57.5	2.26
K06JF1290-28MM	3/8	3/4-16	22.2	0.87	30.3	1.19	28.0	1.10	57.5	2.26
K06JF1290B-24MM	3/8	3/4-16	22.2	0.87	26.3	1.04	24.0	0.94	53.5	2.11
K06JF1290L-62MM	3/8	3/4-16	22.2	0.87	40.3	1.59	62.0	2.44	67.5	2.66
K06JF1490-27.4MM	3/8	7/8-14	25.4	1.00	33.3	1.31	27.4	1.08	60.5	2.38
K06JF1490B-29.4MM	3/8	7/8-14	25.4	1.00	32.0	1.26	29.4	1.16	59.2	2.33
K08JF1290-31MM	1/2	3/4-16	22.2	0.87	34.9	1.37	31.0	1.22	65.1	2.56
K08JF1290B-28.5MM	1/2	3/4-16	22.2	0.87	32.5	1.28	28.5	1.12	62.7	2.47
K08JF1290L-62MM	1/2	3/4-16	22.2	0.87	44.9	1.77	62.0	2.44	75.1	2.96
K08JF1490-31MM	1/2	7/8-14	25.4	1.00	34.9	1.37	31.0	1.22	65.1	2.56
K08JF1490-47MM	1/2	7/8-14	25.4	1.00	34.9	1.37	47.0	1.85	65.1	2.56
K08JF1490B-29.4MM	1/2	7/8-14	25.4	1.00	32.5	1.28	29.4	1.16	62.7	2.47
K08JF1490L-66MM	1/2	7/8-14	25.4	1.00	44.9	1.77	66.0	2.60	75.1	2.96
K08JF1790-46MM	1/2	1-1/16-12	31.8	1.25	38.9	1.53	46.0	1.81	69.1	2.72
K10JF1290-33MM	5/8	3/4-16	22.2	0.87	38.4	1.51	31.0	1.22	73.7	2.90
K10JF1490-34MM	5/8	7/8-14	25.4	1.00	39.3	1.55	34.0	1.34	74.6	2.94
K10JF1490L-66MM	5/8	7/8-14	25.4	1.00	49.3	1.94	66.0	2.60	84.6	3.33
K10JF1790-48MM	5/8	1-1/16-12	31.8	1.25	49.3	1.94	48.0	1.89	84.6	3.33
K12JF1490-40MM	3/8	7/8-14	25.4	1.00	54.0	2.13	40.0	1.57	89.4	3.52
K12JF1790-53MM	3/4	1-1/16-12	31.8	1.25	53.3	2.10	53.0	2.09	88.7	3.49
K12JF1790B-33.9MM	3/4	1-1/16-12	31.8	1.25	37.9	1.49	30.0	1.18	73.2	2.88
K12JF1790L-95MM	3/4	1-1/16-12	31.8	1.25	84.0	3.31	95.0	3.74	119.4	4.70
K12JF2190-56MM	3/4	1-5/16-12	38.1	1.50	53.3	2.10	56.0	2.20	88.7	3.49
K16JF2190-70MM	1	1-5/16-12	38.1	1.50	67.8	2.67	70.0	2.76	108.6	4.28
K16JF2190L-110MM	1	1-5/16-12	38.1	1.50	92.8	3.65	110.0	4.33	133.6	5.26
K20JF2690-85MM	1-1/4	1-5/8-12	50.0	1.97	83.7	3.30	85.0	3.35	127.4	5.02
K20JF2690L-134MM	1-1/4	1-5/8-12	50.0	1.97	103.7	4.08	134.0	5.28	147.4	5.80
K24JF3090-110MM	1-1/2	1-7/8-12	55.0	2.17	104.1	4.10	110.0	4.33	138.5	5.45
K32JF4090-136MM	2	2-1/2-12	73.0	2.87	141.5	5.57	136.0	5.35	185.4	7.30

HOSE TAILS
100R1, 100R2, 100R16 & 100R19

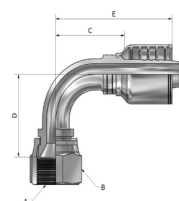
100R1, 100R2, 100R16 &
100R19



IBF - JIS (BSP) Female Parallel Pipe Swivel 30° Flare 90° Elbow

PART NUMBER	Products Description									
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Drop		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
K04IBF0490-23.3MM	1/4	1/4-19	19.0	0.75	27.7	1.09	23.3	0.92	47.3	1.86
K04IBF0690-28MM	1/4	3/8-19	22.0	0.87	25.7	1.01	28.0	1.10	45.3	1.78
K06IBF0690-28MM	3/8	3/8-19	22.0	0.87	33.2	1.31	27.0	1.06	60.4	2.38

100R1, 100R2, 100R16 &
100R19



KF - Komatsu Female Swivel 90° Elbow 30° Flare JIS Metric

PART NUMBER	Products Description									
	Hose In-Dia	Thread METRIC	Nut Hex		Tail-Growth		Drop		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
K04KF1490-23.3MM	1/4	M14*1.5P	19.0	0.75	27.4	1.08	23.3	0.92	47.3	1.86
K06KF1890-28MM	3/8	M18*1.5P	24.0	0.94	33.2	1.31	27.0	1.06	60.4	2.38
K08KF2290-31MM	1/2	M22*1.5P	27.0	1.06	42.0	1.65	31.0	1.22	72.2	2.84
K12KF3090-55MM	3/4	M30*1.5P	36.0	1.42	55.3	2.18	55.0	2.17	90.7	3.57

100R1, 100R2, 100R16 &
100R19



MFF - Flat Face Metric Female - 90°

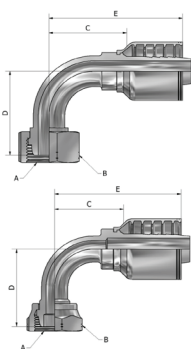
PART NUMBER	Products Description									
	Hose In-Dia	Thread METRIC	Nut Hex		Tail-Growth		Drop		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
K04MFF1490-28.2MM	1/4	M14*1.5P								
K06MFF1690-37MM	3/8	M16*1.5P								
K06MFF1890-39MM	3/8	M18*1.5P								
K08MFF2290-43.5MM	1/2	M22*1.5P								
K10MFF2790-52MM	5/8	M27*1.5P								
K12MFF3090-58MM	3/4	M30*2P								
K16MFF3690	1	M36*2P								



TAIPAN

100R1, 100R2, 100R16 &
100R19

MF - Metric Female Ball Nose 90° Elbow 24° Cone

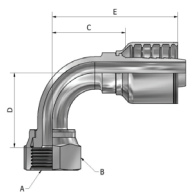


(L) = Light Series
Metric
(S) = Heavy Series
Metric

PART NUMBER	Products Description									
	Hose In-Dia	Thread METRIC	Nut Hex		Tail-Growth		Drop		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
K04MF0612A90-29MM (L)	1/4	M12*1.5P	15.9	0.62	28.7	1.13	29.0	1.14	48.3	1.90
K04MF0614A90-29MM (S)	1/4	M14*1.5P	17.5	0.69	28.7	1.13	29.0	1.14	48.3	1.90
K04MF0814A90-31MM (L)	1/4	M14*1.5P	17.5	0.69	28.7	1.13	31.0	1.22	49.0	1.93
K04MF0816A90-28.2MM (S)	1/4	M16*1.5P	19.0	0.75	32.7	1.29	29.2	1.15	52.3	2.06
K04MF1016A90-29.2MM (L)	1/4	M16*1.5P	19.0	0.75	32.7	1.29	29.2	1.15	52.1	2.05
K04MF1018A90-31.8MM (S)	1/4	M18*1.5P	22.0	0.87	32.7	1.29	31.8	1.25	52.3	2.06
K04MF1218A90-31.8MM (L)	1/4	M18*1.5P	22.0	0.87	32.7	1.29	31.8	1.25	52.3	2.06
K06MF0816A90-34MM (S)	3/8	M16*1.5P	19.0	0.75	30.3	1.19	34.0	1.34	57.5	2.26
K06MF1016A90-34MM (L)	3/8	M16*1.5P	19.0	0.75	30.3	1.19	34.0	1.34	57.5	2.26
K06MF1018A90-36MM (S)	3/8	M18*1.5P	22.0	0.87	30.3	1.19	36.0	1.42	57.5	2.26
K06MF1218A90-32MM (L)	3/8	M18*1.5P	22.0	0.87	32.5	1.28	32.0	1.26	59.7	2.35
K06MF1220A90-34MM (S)	3/8	M20*1.5P	24.0	0.94	37.3	1.47	37.0	1.46	64.5	2.54
K06MF1422A90-37MM (S)	3/8	M22*1.5P	27.0	1.06	34.3	1.35	37.0	1.46	61.5	2.42
K06MF1522A90-37MM (L)	3/8	M22*1.5P	27.0	1.06	34.3	1.35	37.0	1.46	61.5	2.42
K08MF1218A90-32MM (L)	1/2	M18*1.5P	22.0	0.87	35.9	1.41	32.0	1.26	66.1	2.60
K08MF1422A90-37MM (S)	1/2	M22*1.5P	27.0	1.06	40.8	1.61	37.0	1.46	71.0	2.80
K08MF1522A90-40MM (L)	1/2	M22*1.5P	27.0	1.06	44.8	1.76	40.0	1.57	75.0	2.95
K08MF1624A90-45MM (S)	1/2	M24*1.5P	30.0	1.18	42.2	1.66	45.0	1.77	72.4	2.85
K08MF1826A90-42MM (L)	1/2	M26*1.5P	32.0	1.26	43.8	1.72	42.0	1.65	74.0	2.91
K10MF1826A90-45MM (L)	5/8	M26*1.5P	32.0	1.26	40.3	1.59	45.0	1.77	75.6	2.98
K10MF2030B90-48.1MM (S)	5/8	M30*2.0P	36.0	1.42	44.6	1.76	48.1	1.89	79.9	3.15
K10MF2536B90-59MM (S)	5/8	M36*2.0P	46.0	1.81	55.3	2.18	59.0	2.32	90.6	3.57
K12MF1826A90-45MM (L)	3/4	M26*1.5P	32.0	1.26	46.3	1.82	50.3	1.98	81.7	3.22
K12MF2030B90-56.8MM (S)	3/4	M30*2.0P	36.0	1.42	53.3	2.10	56.8	2.24	88.7	3.49
K12MF2230A90	3/4	M30*1.5P								
K12MF2230B90-56.8MM (L)	3/4	M30*2.0P	36.0	1.42	53.3	2.10	56.8	2.24	88.7	3.49
K12MF2536B90-60.1MM (S)	3/4	M36*2.0P	46.0	1.81	51.3	2.02	60.1	2.37	86.7	3.41
K16MF2836B90-69.5MM (L)	1	M36*2.0P	46.0	1.81	65.8	2.59	69.5	2.74	106.6	4.20
K16MF3042B90-80MM (S)	1	M42*2.0P	50.0	1.97	65.8	2.59	80.0	3.15	106.6	4.20
K20MF3545B90-82.9MM (L)	1-1/4	M45*2.0P	50.0	1.97	86.7	3.41	82.9	3.26	130.4	5.13

HOSE TAILS
100R1, 100R2, 100R16 & 100R19

100R1, 100R2, 100R16 &
100R19

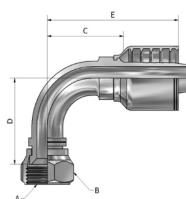


L = Long Drop

FO - Female O-Ring Face Seal Swivel 90° Elbow

PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
K04FO0990-21.1MM	1/4	9/16-18	17.5	0.69	25.7	1.01	21.1	0.83	46.0	1.81
K04FO0990L-46MM	1/4	9/16-18	17.5	0.69	25.7	1.01	46.0	1.81	46.0	1.81
K04FO1190-23MM	1/4	11/16-16	22.0	0.87	25.7	1.01	23.0	0.91	45.3	1.78
K04FO1190L-58MM	1/4	11/16-16	22.0	0.87	25.7	1.01				
K06FO1190-23MM	3/8	11/16-16	22.0	0.87	30.3	1.19	23.0	0.91	57.5	2.26
K06FO1190L-54MM	3/8	11/16-16	22.0	0.87	30.3	1.19	54.0	2.13	57.5	2.26
K06FO1390-29MM	3/8	13/16-16	23.8	0.94	32.2	1.27	29.0	1.14	59.4	2.34
K06FO1390L-64MM	3/8	13/16-16	23.8	0.94	32.2	1.27	64.0	2.52	59.4	2.34
K08FO1390-29MM	1/2	13/16-16	23.8	0.94	34.8	1.37	29.0	1.14	65.0	2.56
K08FO1390L-63.8MM	1/2	13/16-16	23.8	0.94	34.8	1.37	63.8	2.51	65.0	2.56
K08FO1690-32MM	1/2	1-14	30.0	1.18	37.9	1.49	32.0	1.26	68.1	2.68
K08FO1690L-70MM	1/2	1-14	30.0	1.18	34.9	1.37	70.0	2.76	65.1	2.56
K08FO1990-43MM	1/2	1-3/16-12	36.0	1.42	34.8	1.37	43.0	1.69	65.0	2.56
K10FO1690-32MM	5/8	1-14	30.0	1.18	39.3	1.55	32.0	1.26	74.6	2.94
K10FO1690L-70MM	5/8	1-14	30.0	1.18	39.3	1.55	70.0	2.76	74.6	2.94
K10FO1990-48MM	5/8	1-3/16-12	36.0	1.42	45.7	1.80	48.0	1.89	81.0	3.19
K12FO1990-48MM	3/4	1-3/16-12	36.0	1.42	53.3	2.10	48.0	1.89	88.7	3.49
K12FO1990L-96MM	3/4	1-3/16-12	36.0	1.42	53.3	2.10	96.0	3.78	88.7	3.49
K12FO2390-56MM	3/4	1-7/16-12	41.0	1.61	53.3	2.10	56.0	2.20	88.7	3.49
K16FO2390-56MM	1	1-7/16-12	41.0	1.61	68.5	2.70	56.0	2.20	109.3	4.30
K16FO2390L-114MM	1	1-7/16-12	41.0	1.61	68.5	2.70	114.0	4.49	109.3	4.30
K16FO2790-75MM	1	1-11/16-12	50.0	1.97	63.8	2.51	75.0	2.95	104.6	4.12
K20FO2790-82MM	1-1/4	1-11/16-12	50.0	1.97	85.8	3.38	82.0	3.23	129.5	5.10

100R1, 100R2, 100R16 &
100R19



SF - SAE Female 90° Elbow

PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
K06SF1090-23MM	3/8	5/8-18	19.0	0.75	23.6	0.93				
K10SF1790-45MM	5/8	1-1/16-14								
K12SF1790-53MM	3/4	1-1/16-14	32.0	1.26	53.3	2.10	53.0	2.09	88.7	3.49



TAIPAN

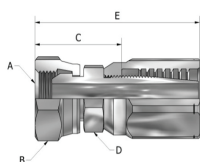
100R1, 100R2 Field Attachable

Straight

Please note tails & shells sold separately.

100R1, 100R2
Field Attachable

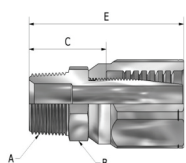
BF - BSP Female Parallel Pipe Swivel Straight 60° Cone



PART NUMBER	Products Description									
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
D04BF02	1/4	1/8-28	14.0	0.55	26.6	1.05	14.3	0.56	55.4	2.18
D04BF04	1/4	1/4-19	19.0	0.75	29.2	1.15	14.3	0.56	58.0	2.28
D04BF06	1/4	3/8-19	22.0	0.87	34.7	1.37	17.5	0.69	63.5	2.50
D06BF06	3/8	3/8-19	22.0	0.87	39.0	1.54	17.5	0.69	69.0	2.72
D06BF08	3/8	1/2-14	27.0	1.06	42.8	1.69	22.0	0.87	72.8	2.87
D08BF08	1/2	1/2-14	27.0	1.06	42.4	1.67	22.0	0.87	78.3	3.08
D08BF12	1/2	1/2-14								
D12BF12	3/4	3/4-14	36.0	1.42	46.3	1.82	28.6	1.12	88.1	3.47
D12BF16	3/4	1-11	41.0	1.61	49.3	1.94	38.1	1.50	91.1	3.59
D16BF16	1	1-11	41.0	1.61	52.2	2.06	38.1	1.50	96.9	3.81

100R1, 100R2
Field Attachable

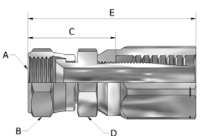
BM - BSP Male Taper



PART NUMBER	Products Description									
	Hose In-Dia	Thread PT	Nipple Hex		Tail-Growth		Overall Length			
			MM	Inch	MM	Inch	MM	Inch		
		A	B		C		E			
D04BM04	1/4	1/4-19	14.3	0.56	25.7	1.01	54.5	2.15		
D04BM06	1/4	3/8-19	17.5	0.69	27.7	1.09	56.5	2.22		
D06BM06	3/8	3/8-19	17.5	0.69	32.0	1.26	62.0	2.44		
D06BM08	3/8	1/2-14	23.8	0.94	36.5	1.44	66.5	2.62		
D08BM08	1/2	1/2-14	23.8	0.94	36.1	1.42	72.0	2.83		
D12BM12	3/4	3/4-14	28.6	1.12	41.6	1.64	83.4	3.28		
D16BM16	1	1-11	38.1	1.50	52.2	2.06	96.9	3.81		

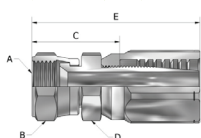
100R1, 100R2
Field Attachable

JF - JIC Female 37° Swivel Straight

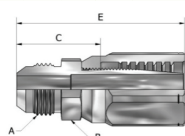


PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
D04JF07	1/4	7/16-20	14.3	0.56	28.3	1.11	14.3	0.56	57.1	2.25
D04JF09	1/4	9/16-18	17.5	0.69	30.5	1.20	14.3	0.56	59.3	2.33
D06JF09	3/8	9/16-18	17.5	0.69	37.4	1.47	17.5	0.69	67.4	2.65

Continued on following page..

100R1, 100R2
Field Attachable

JF - JIC Female 37° Swivel Straight *Continued...*

D06JF12	3/8	3/4-16	22.2	0.87	40.3	1.59	22.2	0.87	70.3	2.77
D06JF14	3/8	7/8-14	25.4	1.00	42.9	1.69	22.2	0.87	72.9	2.87
D08JF12	1/2	3/4-16	22.2	0.87	39.9	1.57	22.2	0.87	75.8	2.98
D08JF14	1/2	7/8-14	25.4	1.00	42.5	1.67	25.4	1.00	78.4	3.09
D08JF17	1/2	1-1/16-12	31.8	1.25	43.9	1.73	27.0	1.06	79.8	3.14
D10JF14	5/8	7/8-14	25.4	1.00	41.3	1.63	25.4	1.00	80.0	3.15
D12JF17	3/4	1-1/16-12	31.8	1.25	45.6	1.80	31.8	1.25	87.4	3.44
D12JF21	3/4	1-5/16-12								
D16JF21	1	1-5/16-12	38.1	1.50	51.7	2.04	38.1	1.50	96.4	3.80

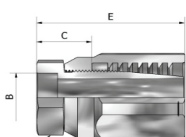
100R1, 100R2
Field Attachable

JM - JIC Male 37° Swivel Straight

PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nipple Hex		Tail-Growth		Overall Length			
			MM	Inch	MM	Inch	MM	Inch		
		A	B		C		E			
D04JM07	1/4	7/16-20	14.3	0.56	25.7	1.01	54.5	2.15		
D04JM09	1/4	9/16-18	15.9	0.62	25.8	1.02	54.6	2.15		
D06JM09	3/8	9/16-18	19.0	0.75	32.7	1.29	62.7	2.47		
D06JM12	3/8	3/4-16	20.6	0.81	35.2	1.39	65.2	2.57		
D08JM12	1/2	3/4-16	22.2	0.87	34.8	1.37	70.7	2.78		
D08JM14	1/2	7/8-14	23.8	0.94	37.4	1.47	73.3	2.89		
D12JM17	3/4	1-1/16-12	28.6	1.12	41.8	1.65	83.6	3.29		

100R1, 100R2
Field Attachable

IBF - JIS (BSP) Female Parallel Pipe Swivel 30° Flare Straight

PART NUMBER	Products Description									
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
D06IBF06	3/8	3/8-19								

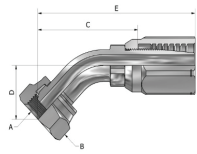
100R1, 100R2
Field Attachable

LS - Life Saver

PART NUMBER	Products Description									
	Hose In-Dia	Nipple Hex		In-Dia		Tail-Growth		Overall Length		
		MM	Inch	MM	Inch	MM	Inch	MM	Inch	
		A		B		C		E		
D04LS04	1/4	14	0.55	6.35	0.25	11.8	0.46	40.6	1.60	
D06LS06	3/8									
D08LS08	1/2									
D10LS10	5/8	23.8	0.94	16.15	0.64	18.9	0.74	57.6	2.27	
D12LS12	3/4									
D16LS16	1	35	1.38	25.7	1.01	26.5	1.04	71.2	2.80	



45 Degree

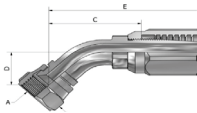
100R1, 100R2
Field Attachable



BF - BSP Female Parallel Pipe Swivel 45° Elbow 60° Cone

PART NUMBER	Products Description									
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
D04BF0445	1/4	1/4-19	19.0	0.75	40.1	1.58	19.7	0.78	68.9	2.71
D04BF0645	1/4	3/8-19	22.0	0.87	42.7	1.68	22.2	0.87	71.5	2.81
D06BF0645	3/8	3/8-19	22.0	0.87	50.5	1.99	22.2	0.87	80.5	3.17
D06BF0845	3/8	1/2-14	27.0	1.06	57.9	2.28	28.8	1.13	87.9	3.46
D08BF0845	1/2	1/2-14	27.0	1.06	58.9	2.32	28.0	1.10	94.8	3.73
D12BF1245	3/4	3/4-14	36.0	1.42	73.1	2.88	35.4	1.39	114.9	4.52
D16BF1645	1	1-11	41.0	1.61	88.4	3.48	40.4	1.59	133.1	5.24

100R1, 100R2
Field Attachable

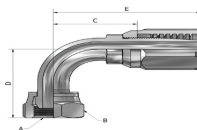


JF - JIC Female 37° Swivel 45° Elbow

PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
D04JF0745	1/4	7/16-20	14.3	0.56	30.4	1.20	10.0	0.39	59.2	2.33
D04JF0945	1/4	9/16-18	17.5	0.69	31.4	1.24	11.0	0.43	60.2	2.37
D06JF0945	3/8	9/16-18	17.5	0.69	39.3	1.55	11.0	0.43	69.3	2.73
D06JF1245	3/8	3/4-16	22.2	0.87	42.3	1.67	14.0	0.55	72.3	2.85
D08JF1245	1/2	3/4-16	22.2	0.87	46.0	1.81	15.0	0.59	81.9	3.22
D08JF1445	1/2	7/8-14	25.4	1.00	48.0	1.89	17.0	0.67	83.9	3.30
D12JF1745	3/4	1-1/16-12	31.8	1.25	75.0	2.95	27.0	1.06	116.8	4.60
D16JF2145	1	1-5/16-12	38.1	1.50	80.9	3.19	33.0	1.30	125.6	4.94

90 Degree

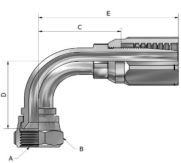
100R1, 100R2
Field Attachable



BF - BSP Female Parallel Pipe Swivel 90° Elbow 60° Cone

PART NUMBER	Products Description									
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
D04BF0490-29MM	1/4	1/4-19	19.0	0.75	25.7	1.01	34.2	1.35	54.5	2.15
D04BF0690-33MM	1/4	3/8-19	22.0	0.87	28.7	1.13	40.4	1.59	57.5	2.26
D06BF0690-33MM	3/8	3/8-19	22.0	0.87	40.9	1.61	40.4	1.59	70.9	2.79
D06BF0890-41MM	3/8	1/2-14	27.0	1.06	37.9	1.49	50.6	1.99	67.9	2.67
D08BF0890-41MM	1/2	1/2-14	27.0	1.06	42.1	1.66	50.7	2.00	78.0	3.07
D08BF0890L	1/2	1/2-14								
D12BF1290-55MM	3/4	3/4-14	36.0	1.42	55.3	2.18	64.0	2.52	97.1	3.82

L = Long Drop

100R1, 100R2
Field Attachable


D16BF1690-73.5MM	1	1-11	41.0	1.61	70.2	2.76	84.0	3.31	114.9	4.52
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JF - JIC Female 37° Swivel 90° Elbow

PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
D04JF0790-21MM	1/4	7/16-20	14.3	0.56	25.7	1.01	21.0	0.83	54.5	2.15
D04JF0990-22MM	1/4	9/16-18	17.5	0.69	28.7	1.13	22.0	0.87	57.5	2.26
D06JF0990-23MM	3/8	9/16-18	17.5	0.69	38.9	1.53	23.0	0.91	68.9	2.71
D06JF1290-28MM	3/8	3/4-16	22.2	0.87	38.9	1.53	28.0	1.10	68.9	2.71
D08JF1290-31MM	1/2	3/4-16	22.2	0.87	45.1	1.78	31.0	1.22	81.0	3.19
D08JF1490-31MM	1/2	7/8-14	25.4	1.00	45.1	1.78	31.0	1.22	81.0	3.19
D10JF1490-34MM	5/8	7/8-14								
D12JF1790-53MM	3/4	1-1/16-12	31.8	1.25	60.3	2.37	53.0	2.09	102.1	4.02
D12JF2190-56MM	3/4	1-5/16-12	38.1	1.50	60.3	2.37	56.0	2.20	102.1	4.02
D16JF2190-70MM	1	1-5/16-12	38.1	1.50	70.2	2.76	70.0	2.76	114.9	4.52

100R1, 100R2
Field Attachable


IBF - JIS (BSP) Female Parallel Pipe Swivel 30° Flare 90° Elbow

PART NUMBER	Products Description									
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
D06IBF0690-33MM	3/8	3/8-19								

Shell

Field Attachable

100R1, 100R2
Field Attachable

D1 / D2- Reuseable shells to suit 100R1 & 2

PART NUMBER	Products Description									
	Hose In-Dia	Thread PT	Nipple Hex		Tail-Growth		Overall Length			
			MM	Inch	MM	Inch	MM	Inch		
		A	B		C		E			



D1

D1-04

D1-06

D1-08

D1-12

D1-16

D2-04

D2-06

D2-08

D2-10

D2-12

D2-16



D2

To suit Taipan SAE100R1

To suit Taipan SAE100R2, SAE100R2GP


TAIPAN

100R2 Two Piece

Shell

100R2 Two Piece



GN - 100R2 shells

PART NUMBER	Products Description									
	Hose In-Dia	Nut Hex		Tail-Growth		Drop		Overall Length		
		MM	Inch	MM	Inch	MM	Inch	MM	Inch	
		A	B	C		D		E		
GN2-04	1/4									
GN2-05	5/16									
GN2-06	3/8									
GN2-08	1/2									
GN2-10	5/8									
GN2-12	3/4									
GN2-16	1									
GN2-20	1-1/4									
GN2-24	1-1/2									
GN2-32	2									

Note : No Crimp Dimentions available. For use at Customers own risk.

Low Pressure Hose Tails to suit 100R4 Suction Hose

Straight

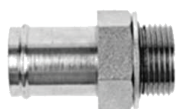
100R4 Low Pressure Hose Tails



BSPF Female Swivel Nut x Low Pressure Hose Tail

PART NUMBER	Products Description									
	BSPF F S/W	L/P Hose Tail								
QAAX16	1	1								

100R4 Low Pressure Hose Tails



BSP Parallel Male x Low Pressure Hose Tail

PART NUMBER	Products Description									
	BSPF M	L/P Hose Tail								
QADX12	3/4	3/4								
QADX1216	3/4	1								
QADX16	1	1								
QADX1620	1	1 1/4								
QADX1624	1	1 1/2								
QADX20	1 1/4	1 1/4								
QADX2024	1 1/4	1 1/2								
QADX24	1 1/2	1 1/2								
QADX32	2	2								

100R4
Low Pressure Hose Tails



BSPT Male x L/P Hose Tail

PART NUMBER	Products Description									
	BSPT M	L/P Hose Tail								
QAEX08	1/2	1/2								
QAEX0812	1/2	1/2								
QAEX12	3/4	3/4								
QAEX1216	3/4	1								
QAEX1220	3/4	1 1/4								
QAEX16	1	1								
QAEX1612	1	3/4								
QAEX1614	1	7/8								
QAEX1618	1	1 1/8								
QAEX1620	1	1 1/4								
QAEX1624	1	1 1/2								
QAEX20	1 1/4	1 1/4								
QAEX2014	1 1/4	7/8								
QAEX2016	1 1/4	1								
QAEX2018	1 1/4	1 1/8								
QAEX2022	1 1/4	1 3/8								
QAEX2024	1 1/4	1 1/2								
QAEX24	1 1/2	1 1/2								
QAEX2418	1 1/2	1 1/8								
QAEX2420	1 1/2	1 1/4								
QAEX2422	1 1/2	1 3/8								
QAEX32	2	2								
QAEX3224	2	1 1/2								
QAEX3229	2	1 13/16								

100R4
Low Pressure Hose Tails



Code 61 Flange x Low Pressure Hose Tail

PART NUMBER	Products Description									
	C61 Flange	L/P Hose Tail								
QAFX24	1 1/2	1 1/2								
QAFX32	2	2								
QAFX4032	2 1/2	2								

100R4
Low Pressure Hose Tails



NPT Male x Low Pressure Hose Tail

PART NUMBER	Products Description									
	NPTM	L/P Hose Tail								
QAUX20	1 1/4	1 1/4								
QAUX24	1 1/2	1 1/2								
QAUX32	2	2								
QAUX3224	2	1 1/2								
QAUX3236	2	2 1/4								



100R4
Low Pressure Hose Tails

UNO Male x Low Pressure Hose Tail


PART NUMBER	Products Description							
	UNO M	L/P Hose Tail						
QAPX1716	1 1/16	1						
QAPX1720	1 1/16	1 1/4						
QAPX2116	1 5/16	1						
QAPX2120	1 5/16	1 1/4						
QAPX2124	1 5/16	1 1/2						
QAPX2620	1 5/8	1 1/4						
QAPX2624	1 5/8	1 1/2						
QAPX3024	1 7/8	1 1/2						

45 Degree

100R4
Low Pressure Hose Tails

Code 61 Flange x Low Pressure Hose Tail - 45°


PART NUMBER	Products Description							
	C61 Flange	L/P Hose Tail						
QETFX242445	1 1/2	1 1/2						
QETFX323245	2	2						
QETFX403245	2 1/2	2						

90 Degree

100R4
Low Pressure Hose Tails

BSPP Female Swivel x Low Pressure Hose Tail - 90°


PART NUMBER	Products Description							
	BSPP F S/W	L/P Hose Tail						
QEBAX16	1	1						

100R4
Low Pressure Hose Tails

BSPP Male x Low Pressure Hose Tail - 90°


PART NUMBER	Products Description							
	BSPP M	L/P Hose Tail						
QEBDX12	3/4	3/4						
QEBDX1216	3/4	1						
QEBDX16	1	1						
QEBDX1620	1	1 1/4						
QEBDX1624	1	1 1/2						
QEBDX20	1 1/4	1 1/2						
QEBDX2024	1 1/4	1 1/2						
QEBDX24	1 1/2	1 1/2						

100R4
Low Pressure Hose Tails



BSPT Male x Low Pressure Hose Tail - 90°

PART NUMBER	Products Description								
	BSPT M	L/P Hose Tail							
QEBEX0812	1/2	3/4							
QEBEX12	3/4	3/4							
QEBEX1216	3/4	1							
QEBEX16	1	1							
QEBEX1614	1	7/8							
QEBEX1620	1	1 1/4							
QEBEX1624	1	1 1/2							
QEBEX20	1 1/4	1 1/4							
QEBEX2016	1 1/4	1							
QEBEX2018	1 1/4	1 1/8							
QEBEX2024	1 1/4	1 1/2							
QEBEX2032	1 1/4	2							
QEBEX24	1 1/2	1 1/2							
QEBEX2420	1 1/2	1 1/4							
QEBEX2432	1 1/2	2							
QEBEX32	2	2							

100R4
Low Pressure Hose Tails



Code 61 Flange x Low Pressure Hose Tail - 90°

PART NUMBER	Products Description							
	C61 Flange	L/P Hose Tail	Drop Length					
QETFX2020	1 1/4	1 1/4	82.0mm					
QETFX2424-104MM	1 1/2	1 1/2	104.0mm					
QETFX2432	1 1/2	2	104.0mm					
QETFX3232	2	2	114.0mm					
QETFX4032	2 1/2	2	125.0mm					
QETFX4040	2 1/2	2 1/2	135.0mm					

100R4
Low Pressure Hose Tails



UNO Male x Low Pressure Hose Tail - 90°

PART NUMBER	Products Description								
	UNO M	L/P Hose Tail							
QEBPX1712	1 1/16	3/4							
QEBPX1716	1 1/16	1							
QEBPX2116	1 5/16	1							
QEBPX2120	1 5/16	1 1/4							
QEBPX2124	1 5/16	1 1/2							
QEBPX2620	1 5/8	1 1/4							
QEBPX2624	1 5/8	1 1/2							
QEBPX3024	1 7/8	1 1/2							



Tee Piece

100R4 Low Pressure Hose Tails



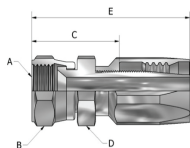
Low Pressure Hose Tail x Low Pressure Hose Tail x BSPP F S/W - Branch Tee

PART NUMBER	Products Description						
	(1) L/P Tail	(2) L/P Tail	(3) BSPP F				
QTEXXA16	1	1	1				

SAE100R5 (FC300) DF Series Field Attachable Hose Tails

Straight

SAE100R5 Field Attachable



JF - JIC Female 37° Swivel Straight

PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
DF04JF07	3/16	7/16-20	14.3	0.56	30.9	1.22	14.3	0.56	49.9	1.96
DF05JF08	1/4	1/2-20								
DF05JF09	1/4	1/2-20								
DF06JF09	5/16	9/16-18	17.5	0.69	34.2	1.35	17.5	0.69	57.2	2.25
DF06JF12	5/16	3/4-16	22.2	0.87	40.1	1.58	22.2	0.87	63.1	2.48
DF08JF12	13/32	3/4-16	22.2	0.87	42.8	1.69	22.2	0.87	71.8	2.83
DF08JF14	13/32	7/8-14	25.4	1.00	45.4	1.79	25.4	1.00	74.4	2.93
DF10JF12	1/2	3/4								
DF10JF14	1/2	7/8-14	25.4	1.00	46.4	1.83	25.4	1.00	78.9	3.11
DF10JF17	1/2	1-1/16-12								
DF12JF14	5/8	7/8-14	25.4	1.00	46.9	1.85	25.4	1.00	86.9	3.42
DF12JF17	5/8	1-1/16-12								
DF16JF21	7/8	1-5/16-12	38.0	1.50	48.5	1.91	38.0	1.50	80.5	3.17
DF20JF26	1 1/8	1-5/8-12	50.0	1.97	58.0	2.28	41.0	1.61	92.5	3.64
DF24JF30	1 3/8	1-7/8-12	55.0	2.17	60.6	2.39	46.0	1.81	97.6	3.84
DF32JF40	1-13/16	2-1/2-12	73.0	2.87	84.5	3.33	63.5	2.50	131.0	5.16
DF40JF48	2-3/8	3-12								

SAE100R5
Field Attachable

NM - Taper Male NPT Straight



PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
DF04NM02	3/16	1/8-27								
DF04NM04	3/16	1/4-18								
DF06NM06	5/16	3/8-18								
DF08NM08	13/32	1/2-14								
DF10NM08	1/2	1/2-14								
DF12NM12	5/8	3/4-14								
DF16NM16	7/8	1-11.5								
DF20NM20	1-1/8	1-1/4-11.5								
DF24NM24	1-3/8	1-1/2-11.5								
DF32NM32	1 13/16	2-11.5								

SAE100R5
Field Attachable

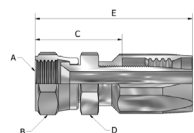
FO - Female O-Ring Face Seal Swivel Straight



PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Nipple Hex		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
DF06FO11	5/16	11/16-16								
DF08FO13	13/32	13/16-16								

SAE100R5
Field Attachable

SF - SAE Female Straight

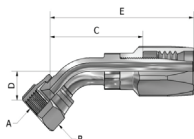


PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
DF06SF10	5/16	5/8-18								
DF12SF17	5/8	1-1/16-12								

45 Degree

SAE100R5
Field Attachable

JF - JIC Female 37° Swivel 45° Elbow

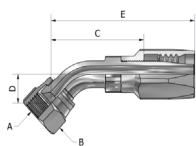


PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
DF04JF0745	3/16	7/16-20	14.3	0.56	34.2	1.35	10.0	0.39	53.2	2.09
DF06JF0945	5/16	9/16-18	17.5	0.69	39.8	1.57	11.0	0.43	62.8	2.47

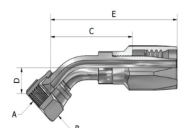
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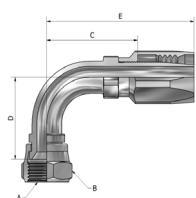
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**SAE100R5
Field Attachable**
JF - JIC Female 37° Swivel 45° Elbow *Continued...*


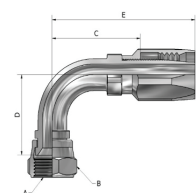
DF08JF1245	13/32	3/4-16	22.2	0.87	52.9	2.08	15.0	0.59	81.9	3.22
DF10JF1445	1/2	7/8-14								
DF12JF1745	5/8	1-1/6-12								
DF16JF2145	7/8	1-5/16-12								
DF20JF2645	1-1/8	1-5/8-12	50.0	1.97	103.1	4.06	45.0	1.77	137.6	5.42

SF - SAE Female 45° Elbow


PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
DF06SF1045	5/16	5/8-16								

90 Degree
**SAE100R5
Field Attachable**
JF - JIC Female 37° Swivel 90° Elbow


PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
DF04JF0790-21MM	3/16	7/16-20	14.3	0.56	29.5	1.16	21.0	0.83	48.5	1.91
DF06JF0990-23MM	5/16	9/16-18	17.5	0.69	39.4	1.55	23.0	0.91	62.4	2.46
DF08JF1290-31MM	13/32	3/4-16	22.2	0.87	49.0	1.93	31.0	1.22	78.0	3.07
DF10JF1490-34MM	1/2	7/8-14	25.4	1.00	51.0	2.01	34.0	1.34	83.5	3.29
DF12JF1790-53MM	5/8	1-1/16-12	31.8	1.25	64.3	2.53	53.0	2.09	104.3	4.11
DF16JF2190-70MM	7/8	1-5/16-12	38.1	1.50	67.0	2.64	70.0	2.76	99.0	3.90
DF20JF2690-85MM	1-1/8	1-5/8-12	50.0	1.97	84.5	3.33	85.0	3.35	119.0	4.69
DF24JF3090	1-3/8									
DF32JF4090	1-13/16									

**SAE100R5
Field Attachable**
SF - SAE Female 90° Elbow


PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
DF06SF1090-23MM	5/16	5/8-18								
DF12SF1790-53MM	5/8	1-1/16-12								

H Series Hose Tails to suit SAE100R6, SAE100R6H & FC332 Push Lock

Straight

SAE100R6
Push Lock

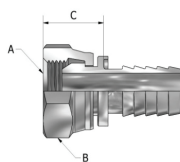
MBJ - Banjo Straight



PART NUMBER	Products Description									
	Hose In-Dia	BANJO ID	Nipple Hex		Tail-Growth					
			MM	Inch	MM	Inch				
		A	B		C					
H04MBJ10	1/4	10MM								
H04MBJ12	1/4	12MM								
H06MBJ16	3/8	16MM								

SAE100R6
Push Lock

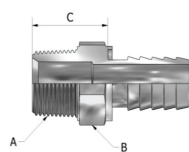
BF - BSP Female Parallel Pipe Swivel Straight 60° Cone



PART NUMBER	Products Description									
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth					
			MM	Inch	MM	Inch				
		A	B		C					
H04BF02	1/4	1/8-28	14.0	0.55	17.4	0.69				
H04BF04	1/4	1/4-19	19.0	0.75	20.0	0.79				
H06BF06	3/8	3/8-19	22.0	0.87	23.8	0.94				
H08BF08	1/2	1/2-14	27.0	1.06	26.9	1.06				
H10BF08	5/8	1/2-14	27.0	1.06	26.9	1.06				
H12BF12	3/4	3/4-14	32.0	1.26	29.0	1.14				
H16BF16	1	1-11								

SAE100R6
Push Lock

BM - BSP Male Taper



PART NUMBER	Products Description									
	Hose In-Dia	Thread PT	Nipple Hex		Tail-Growth					
			MM	Inch	MM	Inch				
		A	B		C					
H04BM02	1/4	1/8-28	17.0	0.67	17.3	0.68				
H04BM04	1/4	1/4-19								
H06BM04	3/8	1/4-19	19.0	0.75	22.7	0.89				
H06BM06	3/8	3/8-19	19.0	0.75	24.2	0.95				
H06BM08	3/8	1/2-14								
H08BM06	1/2	3/8-19	23.8	0.94	24.2	0.95				
H08BM08	1/2	1/2-14	23.8	0.94	27.7	1.09				
H12BM12	3/4	3/4-14	30.0	1.18	34.3	1.35				



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**SAE100R6
Push Lock**



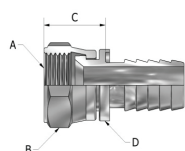
HJ - Hose Joiner

PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nipple Hex		Tail-Growth					
			MM	Inch	MM	Inch				
		A	B		C					

H08HJ08

1/2

**SAE100R6
Push Lock**

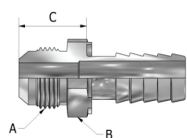


JF - JIC Female 37° Swivel Straight

PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Nipple OD			
			MM	Inch	MM	Inch	MM	Inch		
		A	B		C		D			

H04JF07	1/4	7/16-20	14.3	0.56	19.1	0.75	16.0	0.63		
H04JF09	1/4	9/16-18	17.5	0.69	21.3	0.84	16.0	0.63		
H05JF08	5/16	1/2-20								
H05JF09	5/16	9/16-18								
H06JF09	3/8	9/16-18	17.5	0.69	21.5	0.85	19.0	0.75		
H06JF12	3/8	3/4-16	22.2	0.87	24.5	0.96	19.0	0.75		
H08JF12	1/2	3/4-16	22.2	0.87	24.4	0.96	23.0	0.91		
H08JF14	1/2	7/8-14	25.4	1.00	27.1	1.07	23.0	0.91		
H10JF14	5/8	7/8-14	25.4	1.00	27.1	1.07	26.0	1.02		
H12JF14	3/4	7/8-14	25.4	1.00	27.5	1.08	30.0	1.18		
H12JF17	3/4	1-1/16-12	32.0	1.26	28.8	1.13	30.0	1.18		
H16JF21	1	1-5/16-12								

**SAE100R6
Push Lock**



JM - JIC Male 37° Swivel Straight

PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nipple Hex		Tail-Growth					
			MM	Inch	MM	Inch				
		A	B		C					

H10JM14	5/8	7/8-14	25.4	1	27.3	1.075				
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**SAE100R6
Push Lock**



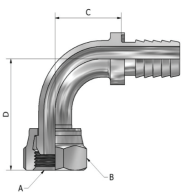
SF - SAE Female Straight

PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nipple Hex		Tail-Growth					
			MM	Inch	MM	Inch				
		A	B		C					

H06SF10	3/8	5/8-18								
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90 Degree

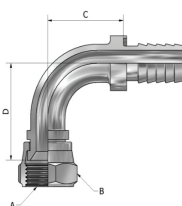
SAE100R6
Push Lock



BF - BSP Female Parallel Pipe Swivel 90° Elbow 60° Cone

PART NUMBER	Products Description									
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Drop			
			MM	Inch	MM	Inch	MM	Inch		
		A	B		C		D			
H04BF0490-29MM	1/4	1/4-19	19.0	0.75	21.5	0.85	34.2	1.35		
H06BF0690-33MM	3/8	3/8-19	22.0	0.87	25.5	1.00	40.4	1.59		
H08BF0890-40.9MM	1/2	1/2-14	27.0	1.06	32.1	1.26	50.6	1.99		
H12BF1290-55MM	3/4	3/4-14	32.0	1.26	42.0	1.65	64.0	2.52		

SAE100R6
Push Lock



JF - JIC Female 37° Swivel 90° Elbow

PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop			
			MM	Inch	MM	Inch	MM	Inch		
		A	B		C		D			
H04JF0790-21MM	1/4	7/16-20	14.3	0.56	21.5	0.85	21.0	0.83		
H04JF0990-22MM	1/4	9/16-18	17.5	0.69	21.5	0.85	22.0	0.87		
H06JF0990-23MM	3/8	9/16-18	17.5	0.69	25.5	1.00	23.0	0.91		
H06JF1290-28MM	3/8	3/4-16	22.2	0.87	25.5	1.00	28.0	1.10		
H08JF1290-31MM	1/2	3/4-16	22.2	0.87	32.1	1.26	31.0	1.22		
H08JF1490-32.5MM	1/2	7/8-14	25.4	1.00	32.1	1.26	32.5	1.28		
H12JF1790-53MM	3/4	1-1/16-12	32.0	1.26	46.0	1.81	53.0	2.09		

J Series Hose Tails to suit 100R7, 100R8 & 100R18

Straight

100R7, 100R8 & 100R18

BF - BSP Female Parallel Pipe Swivel Straight 60° Cone



PART NUMBER	Products Description									
	Hose In-Dia	Thread BSP	Nut Hex		Tail-Growth		Nipple OD			
			MM	Inch	MM	Inch	MM	Inch		
		A	B		C		D			
J08BF08	1/2	1/2-14								



TAIPAN

100R7, 100R8 & 100R18

JF - JIC Female 37° Swivel Straight



PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Nipple OD			
			MM	Inch	MM	Inch	MM	Inch		
		A	B		C		D			
J04JF07	1/4	7/16-20								
J04JF09	1/4	9/16-18								
J06JF09	3/8	9/16-18								
J06JF12	3/8	3/4-16								
J08JF12	1/2	3/4-16								
J08JF14	1/2	7/8-14								

100R7, 100R8 & 100R18

JM - JIC Male 37° Straight



PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Nipple OD			
			MM	Inch	MM	Inch	MM	Inch		
		A	B		C		D			
J04JM09	1/4	9/16-18								
J06JM12	3/8	3/4-16								

100R7, 100R8 & 100R18

MF - Metric Female Ball Nose


(L) = Light Series
Metric

PART NUMBER	Products Description									
	Hose In-Dia	Thread Metric	Nut Hex		Tail-Growth		Nipple OD			
			MM	Inch	MM	Inch	MM	Inch		
		A	B		C		D			
J06MF1016A (L)	3/8	M16*1.5								

90 Degree

100R7, 100R8 & 100R18

JF - JIC Female 37° Swivel 90° Elbow


B = Block
L = Long Drop

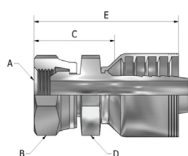
PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Nipple OD			
			MM	Inch	MM	Inch	MM	Inch		
		A	B		C		D			
J04JF0790-21MM	1/4	7/16-20								
J04JF0790B-19.8MM	1/4	7/16-20								
J04JF0990B-21.2MM	1/4	9/16-18								
J04JF0990L-47MM	1/4	9/16-18								
J06JF0990-23MM	3/8	9/16-18								
J06JF1290-28MM	3/8	3/4-16								
J08JF1290-31MM	1/2	3/4-16								
J08JF1490-31MM	1/2	7/8-14								

L Series Hose Tails to suit 100R12

Straight

100R12

BF - BSP Female Parallel Pipe Swivel Straight 60° Cone

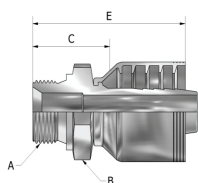


SS = Stainless Steel

PART NUMBER	Products Description									
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Nipple Hex		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
L06BF04	3/8	1/4-19	19.0	0.75	34.3	1.35	19.0	0.75	58.1	2.29
L06BF06	3/8	3/8-19	22.0	0.87	37.6	1.48	22.0	0.87	61.4	2.42
L06BF08	3/8	1/2-14	27.0	1.06	41.3	1.63	24.0	0.94	65.1	2.56
L08BF06	1/2	3/8-19	22.0	0.87	38.2	1.50	22.0	0.87	68.6	2.70
L08BF08	1/2	1/2-14	27.0	1.06	41.3	1.63	27.0	1.06	71.7	2.82
L08BF08SS	1/2	1/2-14	27.0	1.06	41.3	1.63	27.0	1.06	71.7	2.82
L08BF10	1/2	5/8-14	28.6	1.12	38.5	1.52	27.0	1.06	68.9	2.71
L08BF12	1/2	3/4-14	36.0	1.42	45.8	1.80	36.0	1.42	76.2	3.00
L10BF08	5/8	1/2-14	27.0	1.06	42.9	1.69	27.0	1.06	74.4	2.93
L10BF10	5/8	5/8-14	28.6	1.12	40.0	1.57	27.0	1.06	71.5	2.81
L10BF12	5/8	3/4-14	36.0	1.42	47.3	1.86	36.0	1.42	78.8	3.10
L12BF12	3/4	3/4-14	36.0	1.42	45.0	1.77	36.0	1.42	81.4	3.20
L12BF12SS	3/4	3/4-14	36.0	1.42	45.0	1.77	36.0	1.42	81.4	3.20
L12BF16	3/4	1-11	41.0	1.61	49.2	1.94	41.0	1.61	85.6	3.37
L16BF16	1	1-11	41.0	1.61	51.5	2.03	41.0	1.61	95.4	3.76
L16BF16SS	1	1-11	41.0	1.61	51.5	2.03	41.0	1.61	95.4	3.76
L16BF20	1	1-1/4-11	50.0	1.97	58.7	2.31	50.0	1.97	102.6	4.04
L20BF20	1-1/4	1-1/4-11	50.0	1.97	61.8	2.43	50.0	1.97	104.3	4.11
L24BF24	1-1/2	1-1/2-11	60.0	2.36	64.4	2.54	55.0	2.17	119.6	4.71
L32BF32	2	2-11	70.0	2.76	73.4	2.89	70.0	2.76	195.4	7.69

100R12

BPM - BSP Male Parallel 60° Cone

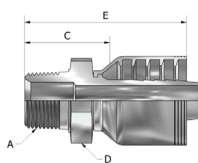


PART NUMBER	Products Description									
	Hose In-Dia	Thread PF	Nipple Hex		Tail-Growth		Overall length			
			MM	Inch	MM	Inch	MM	Inch		
		A	B		C		E			
L06BPM06	3/8	3/8-19	22.0	0.87	32.5	1.28	56.3	2.22		
L06BPM08	3/8	1/2-14	27.0	1.06	35.0	1.38	58.8	2.31		
L08BPM08	1/2	1/2-14	27.0	1.06	34.9	1.37	65.3	2.57		
L12BPM12	3/4	3/4-14	36.0	1.42	36.3	1.43	72.7	2.86		
L12BPM16	3/4	1-11	41.0	1.61	40.3	1.59	76.7	3.02		
L16BPM16	1	1-11	41.0	1.61	42.6	1.68	86.5	3.41		



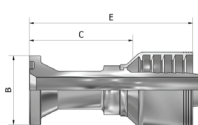
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100R12

**BM - BSP Male Taper**

PART NUMBER	Products Description									
	Hose In-Dia	Thread PT	Nipple Hex		Tail-Growth		Overall length			
			MM	Inch	MM	Inch	MM	Inch		
		A	B		C		E			
L06BM06	3/8	3/8-19	22.0	0.87	31.5	1.24	55.3	2.18		
L06BM08	3/8	1/2-14	27.0	1.06	36.1	1.42	59.9	2.36		
L08BM06	1/2	3/8-19	22.0	0.87	32.3	1.27	62.7	2.47		
L08BM08	1/2	1/2-14	27.0	1.06	36.1	1.42	66.5	2.62		
L10BM08	5/8	1/2-14	27.0	1.06	37.6	1.48	69.1	2.72		
L10BM12	5/8	3/4-14	36.0	1.42	41.7	1.64	73.2	2.88		
L12BM12	3/4	3/4-14	36.0	1.42	39.4	1.55	75.8	2.98		
L12BM16	3/4	1"-11	41.0	1.61	44.2	1.74	80.6	3.17		
L16BM16	1	1"-11	41.0	1.61	46.4	1.83	90.3	3.56		
L16BM20	1	1 1/4-11	41.0	1.61	46.4	1.83	90.3	3.56		
L20BM20	1-1/4	1-1/4-11	50.0	1.97	54.1	2.13	96.6	3.80		
L24BM24	1-1/2	1-1/2-11	60.0	2.36	57.9	2.28	113.1	4.45		
L32BM32	2	2-11	70.0	2.76	67.9	2.67	125.8	4.95		

100R12

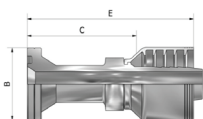
**F61 - SAE Code 61 Flange Straight**

PART NUMBER	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Overall length			
			MM	Inch	MM	Inch	MM	Inch		
		A	B		C		E			
L08F6108	1/2	1/2	30.2	1.19	57.9	2.28	88.3	3.48		
L08F6112	1/2	3/4	38.1	1.50	32.0	1.26	62.4	2.46		
L10F6110	5/8	5/8	34.1	1.34	63.2	2.49	94.7	3.73		
L12F6112	3/4	3/4	38.1	1.50	61.6	2.43	98.0	3.86		
L12F6116	3/4	1	44.5	1.75	33.2	1.31	69.6	2.74		
L12F6120	3/4	1-1/4	50.8	2.00	38.8	1.53	75.2	2.96		
L16F6116	1	1	44.5	1.75	65.9	2.59	109.8	4.32		
L16F6120	1	1-1/4	50.8	2.00	39.2	1.54	83.1	3.27		
L16F6124	1	1-1/2	60.3	2.37	44.4	1.75	88.3	3.48		
L20F6116	1-1/4	1	44.5	1.75	69.1	2.72	111.6	4.39		
L20F6120	1-1/4	1-1/4	50.8	2.00	77.2	3.04	119.7	4.71		
L20F6124	1-1/4	1-1/2	60.3	2.37	39.6	1.56	82.1	3.23		
L24F6124	1-1/2	1-1/2	60.3	2.37	83.6	3.29	138.8	5.46		
L24F6132	1-1/2	2	71.4	2.81	46.5	1.83	101.7	4.00		
L32F6132	2	2	71.4	2.81	85.8	3.38	143.7	5.66		
L32F6140	2	2-1/2	84.1	3.31	56.5	2.22	114.4	4.50		

HOSE TAILS
100R12

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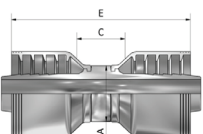
F62 - SAE Code 62 Flange Straight



PART NUMBER	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Overall length			
			MM	Inch	MM	Inch	MM	Inch		
		A	B		C		E			
L08F6208	1/2	1/2	31.8	1.25	57.9	2.28	88.3	3.48		
L12F6212	3/4	3/4	41.3	1.63	68.2	2.69	104.6	4.12		
L12F6216	3/4	1	47.6	1.87	42.3	1.67	78.7	3.10		
L16F6216	1	1	47.6	1.87	80.2	3.16	124.1	4.89		
L16F6220	1	1-1/4	54.0	2.13	49.7	1.96	93.6	3.69		
L20F6220	1-1/4	1-1/4	54.0	2.13	85.1	3.35	127.6	5.02		
L24F6224	1-1/2	1-1/2	63.5	2.50	105.8	4.17	161.0	6.34		
L24F6232	1-1/2	2	79.4	3.13						
L32F6232	2	2	79.4	3.13	124.0	4.88	181.9	7.16		

100R12

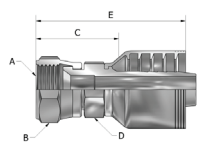
HJ - Hose Joiner



PART NUMBER	Products Description									
	Hose In-Dia	Nipple		Tail-Growth		Overall length				
		MM	Inch	MM	Inch	MM	Inch			
		A		C		E				
L06HJ06	3/8	175	0.69	23.2	0.91	70.9	2.79			
L08HJ08	1/2	21	0.83	25.2	0.99	86.0	3.39			
L10HJ10	5/8	25	0.98	29.2	1.15	92.2	3.63			
L24HJ24	1 1/2									
L24HJ24CAT	1 1/2									

100R12

JF - JIC Female 37° Swivel Straight



SS = Stainless Steel

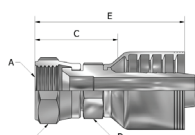
PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Nipple Hex		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
L06JF09	3/8	9/16-18	17.5	0.69	33.3	1.31	17.5	0.69	57.1	2.25
L06JF12	3/8	3/4-16	22.2	0.87	36.2	1.43	17.5	0.69	60.1	2.37
L06JF14	3/8	7/8-14	25.4	1.00	41.8	1.65	22.2	0.87	65.6	2.58
L08JF09	1/2	9/16-18	17.5	0.69	33.3	1.31	20.6	0.81	63.7	2.51
L08JF12	1/2	3/4-16	22.2	0.87	38.9	1.53	20.6	0.81	69.3	2.73
L08JF12SS	1/2	3/4-16	22.2	0.87	38.9	1.53	20.6	0.81	69.3	2.73
L08JF14	1/2	7/8-14	25.4	1.00	41.8	1.65	22.2	0.87	72.2	2.84
L08JF17	1/2	1-1/16-12	31.8	1.25	40.1	1.58	27.0	1.06	70.5	2.78
L10JF12	5/8	3/4-16	22.2	0.87	37.6	1.48	23.8	0.94	69.1	2.72
L10JF14	5/8	7/8-14	25.4	1.00	40.5	1.59	23.8	0.94	72.0	2.83
L10JF17	5/8	1-1/16-12	31.8	1.25	44.9	1.77	27.0	1.06	76.4	3.01
L12JF12	3/4	3/4-16	22.2	0.87	35.4	1.39	27.0	1.06	71.8	2.83

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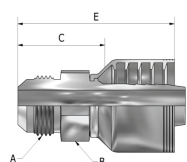
100R12

JF - JIC Female 37° Swivel Straight *Continued...*


SS = Stainless Steel

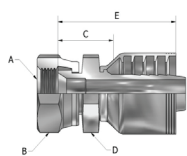
L12JF14	3/4	7/8-14	25.4	1.00	379	149	270	106	74.4	2.93
L12JF17	3/4	1-1/16-12	31.8	1.25	44.1	174	270	106	80.5	3.17
L12JF17SS	3/4	1-1/16-12	31.8	1.25	44.1	174	270	106	80.5	3.17
L12JF19	3/4	1-3/16-12	36.0	1.42	44.7	176	318	125	81.1	3.19
L12JF21	3/4	1-5/16-12	38.0	1.50	470	185	318	125	83.4	3.28
L16JF17	1	1-1/16-12	31.8	1.25	46.7	184	35.0	138	90.6	3.57
L16JF21	1	1-5/16-12	38.0	1.50	49.3	194	35.0	138	93.1	3.67
L16JF21SS	1	1-5/16-12	38.0	1.50	49.3	194	35.0	138	93.1	3.67
L16JF26	1	1-5/8-12	50.0	1.97	55.2	217	41.3	162	99.1	3.90
L20JF21	1-1/4	1-5/16-12	38.0	1.50	53.9	212	476	187	96.4	3.80
L20JF26	1-1/4	1-5/8-12	50.0	1.97	58.2	229	476	187	100.7	3.96
L20JF30	1-1/4	1-7/8-12	55.0	2.17	61.3	241	54.0	213	103.8	4.09
L24JF30	1-1/2	1-7/8-12	55.0	2.17	63.1	248	54.0	213	118.3	4.66
L24JF30SS	1-1/2	1-7/8-12	55.0	2.17	63.1	248	54.0	213	118.3	4.66
L32JF40	2	2-1/2-12	73.0	2.87	79.8	314	63.5	250	137.7	5.42

100R12

JM - JIC Male 37° Straight


PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nipple Hex		Tail-Growth		Overall length			
			MM	Inch	MM	Inch	MM	Inch		
			A	B	C		E			
L06JM09	3/8	9/16-18	19.0	0.75	35.0	1.38	58.8	2.31		
L06JM12	3/8	3/4-16	22.2	0.87	33.5	1.32	57.3	2.26		
L06JM14	3/8	7/8-14	23.8	0.94	36.0	1.42	59.8	2.35		
L08JM12	1/2	3/4-16	22.2	0.87	37.6	1.48	67.9	2.67		
L08JM14	1/2	7/8-14	23.8	0.94	36.0	1.42	66.4	2.61		
L08JM17	1/2	1-1/16-12	28.6	1.12	45.4	1.79	75.8	2.98		
L10JM14	5/8	7/8-14	23.8	0.94	43.1	1.70	74.6	2.94		
L10JM17	5/8	1-1/16-12	28.6	1.12	46.9	1.85	78.4	3.09		
L12JM17	3/4	1-1/16-12	28.6	1.12	44.6	1.76	81.0	3.19		
L12JM21	3/4	1-5/16-12	35.0	1.38	46.4	1.83	82.8	3.26		
L16JM21	1	1-5/16-12	35.0	1.38	50.2	1.98	94.1	3.70		
L16JM26	1	1-5/8-12	47.6	1.87	52.0	2.05	95.9	3.78		
L20JM26	1-1/4	1-5/8-12	47.6	1.87	55.1	2.17	97.6	3.84		

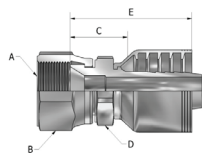
100R12

IBF - JIS (BSP) Female Parallel Pipe Swivel 30° Flare Straight


PART NUMBER	Products Description									
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Nipple Hex		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
			A	B	C		D		E	
L06IBF06	3/8	3/8-19	22.0	0.87	26.9	1.06	22.0	0.87	50.7	2.00
L08IBF08	1/2	1/2-14	27.0	1.06	28.2	1.11	27.0	1.06	58.6	2.31
L12IBF12	3/4	3/4-14	36.0	1.42	31.4	1.24	36.0	1.42	67.8	2.67
L16IBF16	1	43040	41.0	1.61	35.7	1.41	41.0	1.61	79.6	3.13

100R12

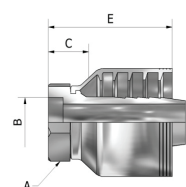
KF - Komatsu Female Swivel Straight 30° Flare JIS Metric



PART NUMBER	Products Description									
	Hose In-Dia	Thread METRIC	Nut Hex		Tail-Growth		Nipple Hex		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
L06KF18	3/8	M18*1.5P	24.0	0.94	26.9	1.06	22.0	0.87	50.7	2.00
L06KF22	3/8	M22*1.5P	27.0	1.06	28.2	1.11	27.0	1.06	52.0	2.05
L08KF22	1/2	M22*1.5P	27.0	1.06	28.2	1.11	27.0	1.06	58.6	2.31
L08KF24	1/2	M24*1.5P	32.0	1.26	31.7	1.25	30.0	1.18	62.1	2.44
L10KF24	5/8	M24*1.5P	32.0	1.26	33.2	1.31	30.0	1.18	64.7	2.55
L12KF24	3/4	M24*1.5P	32.0	1.26	30.9	1.22	30.0	1.18	67.3	2.65
L12KF30	3/4	M30*1.5P	36.0	1.42	31.4	1.24	32.0	1.26	67.8	2.67
L16KF33	1	M33*1.5P	41.0	1.61	37.8	1.49	36.0	1.42	81.7	3.22

100R12

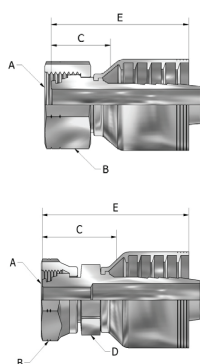
LS - Life Saver



PART NUMBER	Products Description									
	Hose In-Dia	Nipple Hex		In-Dia		Tail-Growth		Overall length		
		MM	Inch	MM	Inch	MM	Inch	MM	Inch	
		A		B		C		E		
L06LS06	3/8	17.46	0.69	9.5	0.37	14.5	0.57	38.3	1.51	
L08LS08	1/2	20.63	0.81	12.6	0.50	14.5	0.57	44.9	1.77	
L10LS10	5/8	23.8	0.94	16.2	0.64	19.2	0.76	50.7	2.00	
L12LS12	3/4	27	1.06	19.4	0.76	16.9	0.67	53.3	2.10	
L16LS16	1	35	1.38	25.7	1.01	22.9	0.90	66.8	2.63	
L20LS20	1-1/4	46	1.81	31.8	1.25	27.7	1.09	70.2	2.76	
L24LS24	1-1/2									
L32LS32	2									

100R12

MF - O-Ring Metric Female Straight 24° Cone

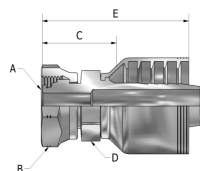
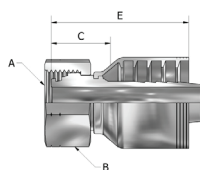


PART NUMBER	Products Description									
	Hose In-Dia	Thread METRIC	Nut Hex		Tail-Growth		Nipple Hex		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
L06MFO0816A (S)	3/8	M16*1.5P	19.0	0.75	33.2	1.31	17.0	0.67	57.0	2.24
L06MFO1016A (L)	3/8	M16*1.5P	19.0	0.75	33.2	1.31	19.0	0.75	58.0	2.28
L06MFO1018A (S)	3/8	M18*1.5P	22.0	0.87	35.3	1.39	17.0	0.67	59.1	2.33
L06MFO1218A (L)	3/8	M18*1.5P	22.0	0.87	35.3	1.39	17.0	0.67	59.1	2.33
L06MFO1220A (S)	3/8	M20*1.5P	24.0	0.94	26.7	1.05		0.00	50.5	1.99
L06MFO1422A (S)	3/8	M22*1.5P	27.0	1.06	28.2	1.11		0.00	52.0	2.05
L06MFO1522A (L)	3/8	M22*1.5P	27.0	1.06	28.2	1.11		0.00	52.0	2.05
L08MFO1422A (S)	1/2	M22*1.5P	27.0	1.06	38.1	1.50	22.0	0.87	68.5	2.70
L08MFO1522A (L)	1/2	M22*1.5P	27.0	1.06	38.1	1.50	22.0	0.87	68.5	2.70

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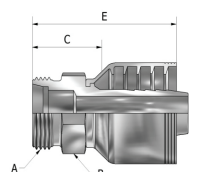
100R12

MF - O-Ring Metric Female Straight 24° Cone *Continued...*


(L) = Light Series
Metric
(S) = Heavy Series
Metric
SS = Stainless Steel

L08MFO1624A (S)	1/2	M24*1.5P	30.0	1.18	28.1	1.11		0.00	58.5	2.30
L08MFO1624ASS (S)	1/2	M24*1.5P	30.0	1.18	28.1	1.11		0.00	58.5	2.30
L08MFO1826A (L)	1/2	M26*1.5P								
L10MFO1826A (L)	5/8	M26*1.5P	32.0	1.26	37.6	1.48	24.0	0.94	69.1	2.72
L10MFO2030A	5/8	M30*1.5P								
L10MFO2030B (S)	5/8	M30*2.0P	36.0	1.42	32.2	1.27		0.00	63.7	2.51
L10MFO2536B (S)	5/8	M36*2.0P	46.0	1.81	33.2	1.31			64.7	2.55
L12MFO1826A (L)	3/4	M26*1.5P	32.0	1.26	36.3	1.43	27.0	1.06	72.7	2.86
L12MFO2030B (S)	3/4	M30*2.0P	36.0	1.42	29.9	1.18		0.00	66.3	2.61
L12MFO2030BSS (S)	3/4	M30*2.0P	36.0	1.42	29.9	1.18		0.00	66.3	2.61
L12MFO2230A	3/4	M30*1.5P	36.0	1.42	26.8	1.06		0.00	63.2	2.49
L12MFO2230B (L)	3/4	M30*2.0P	36.0	1.42	26.8	1.06		0.00	63.2	2.49
L12MFO2230BSS (L)	3/4	M30*2.0P	36.0	1.42	26.8	1.06		0.00	63.2	2.49
L12MFO2536B (S)	3/4	M36*2.0P	46.0	1.81	30.9	1.22		0.00	67.3	2.65
L16MFO2836B (L)	1	M36*2.0P	46.0	1.81	48.4	1.91	35.0	1.38	92.3	3.63
L16MFO3042B (S)	1	M42*2.0P	50.0	1.97	35.6	1.40		0.00	79.5	3.13
L20MFO3545B (L)	1-1/4	M45*2.0P	50.0	1.97	54.7	2.15	46.0	1.81	97.2	3.83
L20MFO3852B (S)	1-1/4	M52*2.0P	50.0	1.97	54.7	2.15				
L24MFO4252B (L)	1-1/2	M52*2.0P								

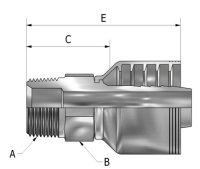
100R12

MM - Metric Male Straight 24° Cone


(S) = Heavy Series
Metric

PART NUMBER	Products Description									
	Hose In-Dia	Thread METRIC	Nipple Hex		Tail-Growth		Overall length			
			MM	Inch	MM	Inch	MM	Inch		
		A	B		C		E			
L06MM1220A (S)	3/8	M20*1.5P	22.0	0.87	30.0	1.18	53.8	2.12		
L08MM1624A (S)	1/2	M24*1.5P	24.0	0.94	31.9	1.26	62.3	2.45		
L10MM2030B (S)	5/8	M30*2.0P	30.0	1.18	37.6	1.48	69.1	2.72		
L12MM2536B (S)	3/4	M36*2.0P	41.0	1.61	37.5	1.48	73.9	2.91		
L16MM3042B (S)	1	M42*2.0P	46.0	1.81	42.9	1.69	86.8	3.42		

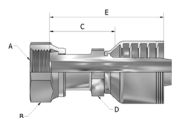
100R12

NM - Taper Male NPT Straight


PART NUMBER	Products Description									
	Hose In-Dia	Thread NPTF	Nipple Hex		Tail-Growth		Overall length			
			MM	Inch	MM	Inch	MM	Inch		
		A	B		C		E			
L08NM08	1/2	1/2-14	22.0	0.87	41.6	1.64	72.0	2.83		
L12NM12	3/4	3/4-14	27.0	1.06	42.0	1.65	78.4	3.09		
L16NM16	1	1-11-1/2	35.0	1.38	49.2	1.94	93.1	3.67		
L20NM20	1-1/4	1-1/4-11-1/2	44.5	1.75	61.4	2.42	103.9	4.09		
L24NM24	1-1/2	1-1/2-11-1/2	50.8	2.00	55.9	2.20	111.1	4.37		
L32NM32	2	2-11-1/2	63.5	2.50	62.0	2.44	119.9	4.72		

100R12

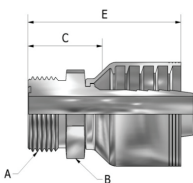
FO - Female O-Ring Face Seal Swivel Straight



PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Nipple Hex		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
L06FO11	3/8	11/16-16	22.0	0.87	33.0	1.30	17.5	0.69	56.8	
L06FO13	3/8	13/16-16	23.8	0.94	39.3	1.55	20.6	0.81	63.1	
L08FO11	1/2	11/16-16	22.0	0.87	33.0	1.30	20.6	0.81	63.4	
L08FO13	1/2	13/16-16	23.8	0.94	40.1	1.58	22.0	0.87	70.5	
L08FO16	1/2	1-14	30.0	1.18	43.1	1.70	23.8	0.94	73.5	
L08FO19	1/2	1-3/16-12	36.0	1.42	48.4	1.91	28.6	1.12	78.8	
L10FO16	5/8	1-14	30.0	1.18	44.6	1.76	23.8	0.94	76.1	
L10FO19	5/8	1-3/16-12	36.0	1.42	49.3	1.94	28.6	1.12	80.8	
L12FO16	3/4	1-14	30.0	1.18	45.0	1.77	27.0	1.06	81.4	
L12FO19	3/4	1-3/16-12	36.0	1.42	47.6	1.87	28.6	1.12	84.0	
L12FO23	3/4	1-7/16-12	41.0	1.61	49.2	1.94	35.0	1.38	85.6	
L16FO19	1	1-3/16-12	36.0	1.42	50.3	1.98	35.0	1.38	94.1	
L16FO23	1	1-7/16-12	41.0	1.61	49.9	1.96	35.0	1.38	93.8	
L16FO27	1	1-11/16-12	50.0	1.97	54.0	2.13	41.0	1.61	103.1	
L20FO27	1-1/4	1-11/16-12	50.0	1.97	53.6	2.11	46.0	1.81	96.1	
L24FO32	1-1/2	2-12	60.0	2.36	65.3	2.57	50.8	2.00	120.5	

100R12

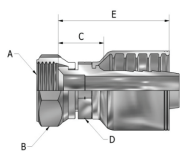
MO - Male O-Ring Face Seal



PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nipple Hex		Tail-Growth		Overall length			
			MM	Inch	MM	Inch	MM	Inch		
		A	B		C		E			
L06MO11	3/8	11/16-16	19.0	0.75	26.8	1.06	50.6	1.99		
L06MO13	3/8	13/16-16	22.0	0.87	32.1	1.26	55.9	2.20		
L08MO13	1/2	13/16-16	22.0	0.87	32.1	1.26	62.5	2.46		
L08MO16	1/2	1-14	27.0	1.06	37.1	1.46	67.5	2.66		

100R12

SF - SAE Female Straight



PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Nipple Hex		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
L12SF17	3/4	1-1/16-14	32	1.260	273	1.075	25.4	1	62.7	2.469

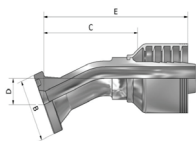


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22.5 Degree

100R12

F61 - SAE Code 61 Flange 22.5° Elbow

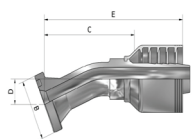


PART NUMBER	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
L12F611222.5	3/4	3/4	38.1	1.50	67.0	2.64	15.8	0.62	103.3	4.07
L12F611622.5	3/4	1	44.5	1.75	71.2	2.80	16.9	0.67	107.5	4.23
L16F611622.5	1	1	44.5	1.75	82.3	3.24	19.7	0.78	126.2	4.97
L16F612022.5	1	1-1/4	50.8	2.00	82.8	3.26	19.6	0.77	125.9	4.96
L20F612022.5	1-1/4	1-1/4	50.8	2.00	99.6	3.92	19.7	0.78	142.1	5.59
L20F612422.5	1-1/4	1-1/2	60.3	2.37	108.2	4.26	23.2	0.91	150.7	5.93
L20F613222.5	1-1/4	2								
L24F612422.5	1-1/2	1-1/2	60.3	2.37	113.4	4.46	21.7	0.85	168.6	6.64
L24F613222.5	1-1/2	2	71.4	2.81	135.4	5.33	30.8	1.21	190.5	7.50
L32F613222.5	2	2	71.4	2.81	148.6	5.85	30.2	1.19	206.5	8.13

30 Degree

100R12

F61 - SAE Code 61 Flange 30° Elbow

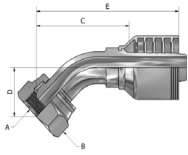


PART NUMBER	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
L12F611230	3/4	3/4	38.1	1.50	65.3	2.57	19.9	0.78	101.6	4.00
L12F611630	3/4	1	44.5	1.75	67.7	2.67	21.3	0.84	104.0	4.09
L16F611630	1	1	44.5	1.75	81.7	3.22	24.8	0.98	125.6	4.94
L16F612030	1	1-1/4	50.8	2.00	80.0	3.15	24.6	0.97	123.8	4.87
L20F612030	1-1/4	1-1/4	50.8	2.00	97.7	3.85	24.5	0.96	140.2	5.52
L20F612430	1-1/4	1-1/2	60.3	2.37	105.6	4.16	29.1	1.15	148.1	5.83
L24F612430	1-1/2	1-1/2	60.3	2.37	111.4	4.39	26.9	1.06	166.6	6.56
L24F613230	1-1/2	2	71.4	2.81	131.9	5.19	38.8	1.53	187.1	7.37
L32F613230	2	2	71.4	2.81	145.9	5.74	37.3	1.47	203.7	8.02

HOSE TAILS
100R12

45 Degree

100R12

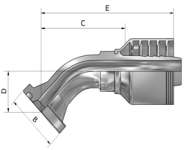


SS = Stainless Steel

BF - BSP Female Parallel Pipe Swivel 45° Elbow 60° Cone

PART NUMBER	Products Description									
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Drop		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
L06BF0645	3/8	3/8-19	22.0	0.87	45.7	1.80	22.2	0.87	69.5	2.74
L06BF0845	3/8	1/2-14	27.0	1.06	59.3	2.33	28.8	1.13	83.1	3.27
L08BF0845	1/2	1/2-14	27.0	1.06	54.1	2.13	28.0	1.10	84.4	3.32
L10BF1045	5/8	5/8-14	28.6	1.12	54.3	2.14	24.3	0.96	85.8	3.38
L12BF1245	3/4	3/4-14	36.0	1.42	67.0	2.64	32.3	1.27	103.3	4.07
L16BF1645	1	1-11	41.0	1.61	84.8	3.34	40.4	1.59	128.6	5.06
L16BF1645SS	1	1-11	41.0	1.61	84.8	3.34	40.4	1.59	128.6	5.06
L20BF2045	1-1/4	1-1/4-11	50.0	1.97	116.3	4.58	55.5	2.19	158.8	6.25
L24BF2445	1-1/2	1-1/2-11	55.0	2.17	131.4	5.17	60.1	2.37	186.6	7.35
L32BF3245	2	2-11	70.0	2.76	161.8	6.37	68.8	2.71	219.6	8.65

100R12



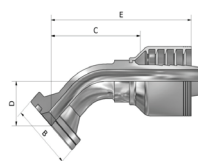
F61 - SAE Code 61 Flange 45° Elbow

PART NUMBER	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
L08F610845	1/2	1/2	30.2	1.19	51.9	2.04	21.5	0.85	82.3	3.24
L08F611245	1/2	3/4	38.1	1.50	52.6	2.07	22.0	0.87	82.9	3.26
L10F611045	5/8	5/8	34.1	1.34	69.0	2.72	37.1	1.46	100.5	3.96
L12F611245	3/4	3/4	38.1	1.50	61.4	2.42	26.0	1.02	97.8	3.85
L12F611645	3/4	1	44.5	1.75	63.2	2.49	28.0	1.10	99.6	3.92
L16F611645	1	1	44.5	1.75	78.1	3.07	32.0	1.26	122.0	4.80
L16F612045	1	1-1/4	50.8	2.00	74.8	2.94	32.0	1.26	118.7	4.67
L20F612045	1-1/4	1-1/4	50.8	2.00	99.8	3.93	38.0	1.50	142.3	5.60
L20F612445	1-1/4	1-1/2	60.3	2.37	99.8	3.93	38.0	1.50	142.3	5.60
L24F612445	1-1/2	1-1/2	60.3	2.37	113.8	4.48	41.0	1.61	169.0	6.65
L24F613245	1-1/2	2	71.4	2.81	122.8	4.83	50.0	1.97	178.0	7.01
L32F613245	2	2	71.4	2.81	142.6	5.61	49.7	1.96	200.5	7.89
L32F614045	2	2-1/2	84.1	3.31	148.2	5.83	55.3	2.18	206.0	8.11



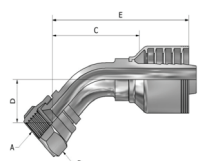
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F62 - SAE Code 62 Flange 45° Elbow

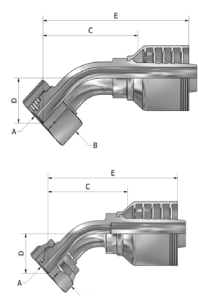
PART NUMBER	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
L08F620845	1/2	1/2	31.8	1.25	51.9	2.04	21.5	0.85	82.2	3.24
L12F621245	3/4	3/4	41.3	1.63	62.4	2.46	27.0	1.06	98.8	3.89
L16F621645	1	1	47.6	1.87	76.3	3.00	32.0	1.26	120.2	4.73
L16F622045	1	1-1/4	54.0	2.13	78.9	3.11	32.0	1.26	122.8	4.83
L24F622445	1-1/2	1-1/2	63.5	2.50	115.3	4.54	44.0	1.73	170.5	6.7



JF - JIC Female 37° Swivel 45° Elbow

PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
L06JF0945	3/8	9/16-18	17.5	0.69	34.5	1.36	11.0	0.43	58.3	2.30
L06JF1245	3/8	3/4-16	22.2	0.87	37.5	1.48	14.0	0.55	61.3	2.41
L06JF1445	3/8	7/8-14	25.4	1.00	41.5	1.63	15.0	0.59	65.3	2.57
L08JF1245	1/2	3/4-16	22.2	0.87	41.4	1.63	15.0	0.59	71.8	2.83
L08JF1445	1/2	7/8-14	25.4	1.00	41.4	1.63	15.0	0.59	71.8	2.83
L08JF1745	1/2	1-1/16-12	31.8	1.25	48.1	1.89	20.0	0.79	78.4	3.09
L10JF1445	5/8	7/8-14	25.4	1.00	45.5	1.79	16.0	0.63	77.0	3.03
L10JF1745	5/8	1-1/16-12	31.8	1.25	57.0	2.24	21.0	0.83	88.5	3.48
L12JF1745	3/4	1-1/16-12	31.8	1.25	63.0	2.48	27.0	1.06	99.4	3.91
L12JF2145	3/4	1-5/16-12	38.1	1.50	58.7	2.31	24.0	0.94	95.1	3.74
L16JF2145	1	1-5/16-12	38.1	1.50	77.3	3.04	33.0	1.30	121.2	4.77
L20JF2645	1-1/4	1-5/8-12	50.0	1.97	103.8	4.09	45.0	1.77	146.3	5.76
L24JF3045	1-1/2	1-7/8-12	55.0	2.17	126.0	4.96	52.0	2.05	181.2	7.13
L32JF4045	2	2-1/2-12	73.0	2.87	148.6	5.85	55.7	2.19	206.5	8.13

100R12

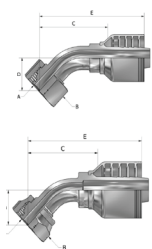


MF - O-Ring Metric Female 45° Elbow 24° Cone

PART NUMBER	Products Description									
	Hose In-Dia	Thread METRIC	Nut Hex		Tail-Growth		Drop		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
L06MFO1016A45 (L)	3/8	M16*1.5P	19.0	0.75	42.5	1.67	19.0	0.75	66.3	2.61
L06MFO1218A45 (L)	3/8	M18*1.5P	22.0	0.87	42.5	1.67	19.0	0.75	66.3	2.61
L06MFO1220A45 (S)	3/8	M20*1.5P	24.0	0.94	46.5	1.83	20.0	0.79	70.3	2.77
L08MFO1522A45 (L)	1/2	M22*1.5P	27.0	1.06	56.0	2.20	22.0	0.87	86.3	3.40
L08MFO1624A45 (S)	1/2	M24*1.5P	30.0	1.18	55.8	2.20	23.5	0.93	86.2	3.39

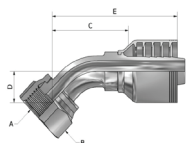
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100R12

MF - O-Ring Metric Female 45° Elbow 24° Cone *Continued...*

(L) = Light Series
Metric
(S) = Heavy Series
Metric

L10MFO1826A45 (L)	5/8	M26*1.5P	32.0	1.26	57.7	2.27	24.2	0.95	89.2	3.51
L10MFO2030B45 (S)	3/4	M30*2.0P	36.0	1.42						
L12MFO2030B45 (S)	3/4	M30*2.0P	36.0	1.42	66.7	2.63	29.0	1.14	103.1	4.06
L12MFO2230B45 (L)	3/4	M30*2.0P	36.0	1.42	60.2	2.37	25.5	1.00	96.6	3.80
L12MFO2536B45 (S)	3/4	M36*2.0P	46.0	1.81	66.7	2.63	34.0	1.34	103.1	4.06
L16MFO2836B45 (L)	1	M36*2.0P	46.0	1.81	79.2	3.12	36.9	1.45	123.1	4.85
L16MFO3042B45 (S)	1	M42*2.0P								
L20MFO3545B45 (L)	1-1/4	M45*2.0P	50.0	1.97	109.8	4.32	48.0	1.89	152.3	6.00
L20MFO3852B45 (S)	1-1/4	M52*2.0P	60.0	2.36	110.8	4.36	50.0	1.97	153.3	6.04
L24MFO4252B45 (L)	1-1/2	M52*2.0P								

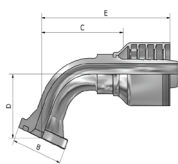
100R12

FO - Female O-Ring Face Seal Swivel 45° Elbow


PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
L06FO1145	3/8	11/16-16	22.0	0.87	34.5	1.36	11.0	0.43	58.3	2.30
L06FO1345	3/8	13/16-16	23.8	0.94	40.4	1.59	15.0	0.59	64.2	2.53
L08FO1345	1/2	13/16-16	23.8	0.94	41.3	1.63	15.0	0.59	71.7	2.82
L08FO1645	1/2	1-14	30.0	1.18	43.9	1.73	16.0	0.63	74.3	2.93
L10FO1645	5/8	1-14	30.0	1.18	45.5	1.79	16.0	0.63	77.0	3.03
L10FO1945	5/8	1-3/16-12	36.0	1.42	58.1	2.29	21.0	0.83	89.6	3.53
L12FO1945	3/4	1-3/16-12	36.0	1.42	55.8	2.20	21.1	0.83	92.2	3.63
L16FO2345	1	1-7/16-12	41.0	1.61	69.0	2.72	24.0	0.94	112.9	4.44
L20FO2745	1-1/4	1-11/16-12	50.0	1.97	102.7	4.04	41.0	1.61	145.2	5.72
L24FO3245	1-1/2	2-12	60.0	2.36	119.3	4.70	48.0	1.89	174.5	6.87

60 Degree

100R12

F61 - SAE Code 61 Flange 60° Elbow


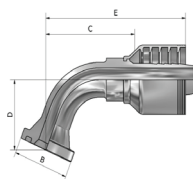
PART NUMBER	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
L12F611260	3/4	3/4	38.1	1.50	64.4	2.54	39.2	1.54	100.7	3.96
L12F611660	3/4	1	44.5	1.75	64.4	2.54	42.1	1.66	100.8	3.97
L16F611660	1	1	44.5	1.75	72.8	2.87	38.0	1.50	116.6	4.59
L16F612060	1	1-1/4	50.8	2.00	82.9	3.26	58.6	2.31	126.7	4.99
L20F612060	1-1/4	1-1/4	50.8	2.00	96.4	3.80	47.2	1.86	138.9	5.47
L20F612460	1-1/4	1-1/2	60.3	2.37	96.4	3.80	47.2	1.86	138.9	5.47
L24F612460	1-1/2	1-1/2	60.3	2.37	114.6	4.51	56.4	2.22	169.8	6.69
L24F613260	1-1/2	2	71.4	2.81	122.7	4.83	71.0	2.80	177.9	7.00
L32F613260	2	2	71.4	2.81	150.5	5.93	77.1	3.04	208.3	8.20


TAIPAN

67.5 Degree

100R12

F61 - SAE Code 61 Flange 67.5° Elbow

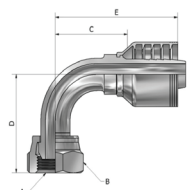


PART NUMBER	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
L12F6112675	3/4	3/4	38.1	1.50	62.0	2.44	42.4	1.67	98.4	3.87
L12F6116675	3/4	1	44.5	1.75	61.1	2.41	44.1	1.74	97.4	3.83
L16F6116675	1	1	44.5	1.75	79.7	3.14	61.4	2.42	123.6	4.87
L16F6120675	1	1-1/4	50.8	2.00	77.9	3.07	61.4	2.42	121.8	4.80
L20F6120675	1-1/4	1-1/4	50.8	2.00	93.6	3.69	49.0	1.93	136.1	5.36
L20F6124675	1-1/4	1-1/2	60.3	2.37	93.6	3.69	49.0	1.93	136.1	5.36
L24F6124675	1-1/2	1-1/2	60.3	2.37	111.2	4.38	59.0	2.32	166.4	6.55
L24F6132675	1-1/2	2	71.4	2.81	117.5	4.63	74.1	2.92	172.7	6.80
L32F6132675	2	2	71.4	2.81	146.3	5.76	79.9	3.15	204.2	8.04

90 Degree

100R12

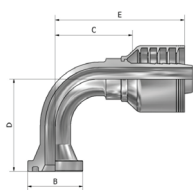
BF - BSP Female Parallel Pipe Swivel 90° Elbow 60° Cone



B = Block
L = Long Drop
SS = Stainless Steel

PART NUMBER	Products Description									
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Drop		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
L06BF0690-33MM	3/8	3/8-19	22.0	0.87	31.1	1.22	40.4	1.59	54.9	2.16
L06BF0890-40.9MM	3/8	1/2-14	27.0	1.06	39.3	1.55	50.6	1.99	63.1	2.48
L08BF0890-40.9MM	1/2	1/2-14	27.0	1.06	38.1	1.50	50.6	1.99	68.5	2.70
L08BF0890B-32.3MM	1/2	1/2-14	27.0	1.06	32.8	1.29	42.0	1.65	63.2	2.49
L08BF0890L-80MM	1/2	1/2-14	27.0	1.06	35.2	1.39	89.7	3.53	65.6	2.58
L08BF0890SS-40.9MM	1/2	1/2-14	27.0	1.06	38.1	1.50	50.6	1.99	68.5	2.70
L10BF1090-42.6MM	5/8	5/8-14	28.6	1.12	41.6	1.64	51.8	2.04	73.1	2.88
L12BF1290-55MM	3/4	3/4-14	36.0	1.42	51.3	2.02	64.0	2.52	87.6	3.45
L12BF1290B-36MM	3/4	3/4-14	36.0	1.42	36.9	1.45	45.0	1.77	73.2	2.88
L12BF1290SS-55MM	3/4	3/4-14	36.0	1.42	51.3	2.02	64.0	2.52	87.6	3.45
L16BF1690-73.5MM	1	1-11	41.0	1.61	77.6	3.06	84.0	3.31	121.5	4.78
L16BF1690SS-73.5MM	1	1-11	41.0	1.61	77.6	3.06	84.0	3.31	121.5	4.78
L20BF2090-88.5MM	1-1/4	1-1/4-11	50.0	1.97	87.2	3.43	101.9	4.01	129.7	5.11
L24BF2490-110MM	1-1/2	1-1/2-11	55.0	2.17	103.5	4.07	120.0	4.72	158.7	6.25
L32BF3290-138MM	2	2-11	70.0	2.76	144.2	5.68	152.9	6.02	202.1	7.96

100R12

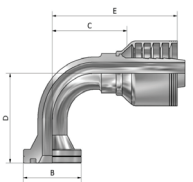


L = Long Drop

F61 - SAE Code 61 Flange 90° Elbow

PART NUMBER	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
L08F610890-43MM	1/2	1/2	30.2	1.19	48.1	1.89	43.0	1.69	78.5	3.09
L08F611290-50MM	1/2	3/4	38.1	1.50	45.2	1.78	50.0	1.97	75.6	2.98
L10F611090-53MM	5/8	5/8	34.1	1.34	46.6	1.83	53.0	2.09	78.1	3.07
L12F611290-58MM	3/4	3/4	38.1	1.50	52.8	2.08	58.0	2.28	89.1	3.51
L12F611290L-83MM	3/4	3/4	38.1	1.50	52.8	2.08	83.0	3.27	89.2	3.51
L12F611690-56.9MM	3/4	1	44.5	1.75	52.8	2.08	58.0	2.28	89.2	3.51
L12F611690L-117MM***	3/4	1	44.5	1.75	52.8	2.08	117.0	4.61		
L12F612090-58MM	3/4	1-1/4	50.8	2.00	52.8	2.08	58.0	2.28	89.2	3.51
L16F611690-70MM	1	1	44.5	1.75	65.1	2.56	70.0	2.76	109.0	4.29
L16F611690L-117MM	1	1	44.5	1.75	65.1	2.56	117.0	4.61	109.0	4.29
L16F611690L-150MM	1	1	44.5	1.75	65.1	2.56	150.0	5.91	109.0	4.29
L16F612090-70MM	1	1-1/4	50.8	2.00	65.1	2.56	70.0	2.76	109.0	4.29
L16F612090L-117MM	1	1-1/4	50.8	2.00	90.1	3.55	117.0	4.61	134.0	5.28
L16F612490-75MM	1	1-1/2	60.3	2.37	65.1	2.56	75.0	2.95	109.0	4.29
L20F611690-70MM	1-1/4	1					70.0	2.75		
L20F612090-82MM	1-1/4	1-1/4	50.8	2.00	88.2	3.47	82.0	3.23	130.7	5.15
L20F612090L-140MM	1-1/4	1-1/4	50.8	2.00	108.2	4.26	140.0	5.51	150.7	5.93
L20F612490-90MM	1-1/4	1-1/2	60.3	2.37	88.2	3.47	90.0	3.54	130.7	5.15
L24F612490-104MM	1-1/2	1-1/2	60.3	2.37	105.0	4.13	104.0	4.09	160.2	6.31
L24F612490L-147MM	1-1/2	1-1/2	60.3	2.37	110.0	4.33	147.0	5.79	165.2	6.50
L24F613290-104MM	1-1/2	2	71.4	2.81	105.0	4.13	104.0	4.09	160.2	6.31
L32F612490L-160MM	2	2					160.0	6.29		
L32F612490-220MM	2	2					220.0	8.66		
L32F613290-120MM	2	2	71.4	2.81	139.8	5.50	120.0	4.72	197.7	7.78
L32F613290L-197MM	2	2	71.4	2.81			197.0	7.75		
L32F614090-125MM	2	2-1/2	84.1	3.31	139.8	5.50	125.0	4.92	197.7	7.78

100R12



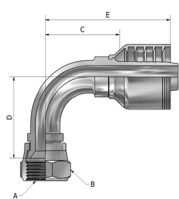
F62 - SAE Code 62 Flange 90° Elbow

PART NUMBER	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
L08F620890-45MM	1/2	1/2	31.8	1.25	45.0	1.77	45.0	1.77	75.4	2.97
L12F621290-58MM	3/4	3/4	41.3	1.63	52.8	2.08	58.0	2.28	89.2	3.51
L12F621690-58MM	3/4	1	47.6	1.87	53.0	2.09	58.0	2.28	89.4	3.52
L16F621690-70MM	1	1	47.6	1.87	69.0	2.72	70.0	2.76	112.9	4.44
L16F622090-70MM	1	1-1/4	54.0	2.13	66.8	2.63	70.0	2.76	110.7	4.36
L20F622090-82MM	1-1/4	1-1/4	54.0	2.13	86.9	3.42	82.0	3.23	129.4	5.1
L24F622490-104MM	1-1/2	1-1/2	63.5	2.50	103.5	4.07	104.0	4.09	158.7	6.2
L32F623290-124MM	2	2	79.4	3.13	139.8	5.50	124.0	4.88	197.7	7.78



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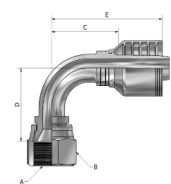


B = Block
L = Long Drop
SS = Stainless Steel

JF - JIC Female 37° Swivel 90° Elbow

PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
L06JF0990-23MM	3/8	9/16-18	175	0.69	31.1	1.22	23.0	0.91	54.9	2.16
L06JF0990L-55MM	3/8	9/16-18	175	0.69	31.1	1.22	55.0	2.17	54.9	2.16
L06JF1290-28MM	3/8	3/4-16	22.2	0.87	31.1	1.22	28.0	1.10	54.9	2.16
L06JF1290L-62MM	3/8	3/4-16	22.2	0.87	41.1	1.62	62.0	2.44	64.9	2.56
L06JF1490-27.4MM	3/8	7/8-14	25.4	1.00	34.1	1.34	27.4	1.08	57.9	2.28
L08JF1290-31MM	1/2	3/4-16	22.2	0.87	35.2	1.39	31.0	1.22	65.6	2.58
L08JF1290L-62MM	1/2	3/4-16	22.2	0.87	45.2	1.78	62.0	2.44	75.6	2.98
L08JF1290SS-31MM	1/2	3/4-16	22.2	0.87	35.2	1.39	31.0	1.22	65.6	2.58
L08JF1490-31MM	1/2	7/8-14	25.4	1.00	35.2	1.39	31.0	1.22	65.6	2.58
L08JF1490L-66MM	1/2	7/8-14	25.4	1.00	45.2	1.78	66.0	2.60	75.6	2.98
L08JF1790-46MM	1/2	1-1/16-12	31.8	1.25	39.2	1.54	46.0	1.81	69.6	2.74
L10JF1490-34MM	5/8	7/8-14	25.4	1.00	40.6	1.60	34.0	1.34	72.1	2.84
L10JF1490L-66MM	5/8	7/8-14	25.4	1.00	50.6	1.99	66.0	2.60	82.1	3.23
L10JF1790-48MM	5/8	1-1/16-12	31.8	1.25	50.6	1.99	48.0	1.89	82.1	3.23
L12JF1790-53MM	3/4	1-1/16-12	31.8	1.25	52.3	2.06	53.0	2.09	88.7	3.49
L12JF1790B-33.9MM	3/4	1-1/16-12	31.8	1.25	36.9	1.45	30.0	1.18	73.2	2.88
L12JF1790L-95MM	3/4	1-1/16-12	31.8	1.25	83.0	3.27	95.0	3.74	119.4	4.70
L12JF1790SS-53MM	3/4	1-1/16-12	31.8	1.25	52.3	2.06	53.0	2.09	88.7	3.49
L12JF2190-56MM	3/4	1-5/16-12	38.1	1.50	52.3	2.06	56.0	2.20	88.7	3.49
L16JF2190-70MM	1	1-5/16-12	38.1	1.50	66.6	2.62	70.0	2.76	110.5	4.35
L16JF2190L-110MM	1	1-5/16-12	38.1	1.50	91.6	3.61	110.0	4.33	135.5	5.33
L16JF2190SS-70MM	1	1-5/16-12	38.1	1.50	66.6	2.62	70.0	2.76	110.5	4.35
L20JF2690-85MM	1-1/4	1-5/8-12	50.0	1.97	85.2	3.35	85.0	3.35	134.0	5.28
L20JF2690L-134MM	1-1/4	1-5/8-12	50.0	1.97	105.2	4.14	134.0	5.28	147.7	5.81
L24JF3090-110MM	1-1/2	1-7/8-12	55.0	2.17	105.5	4.15	110.0	4.33	160.7	6.33
L32JF4090-136MM	2	2-1/2-12	73.0	2.87	139.8	5.50	136.0	5.35	197.7	7.78

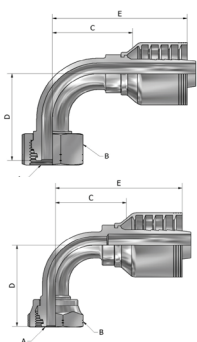
100R12



KF - Komatsu Female Swivel 90° Elbow 30° Flare JIS Metric

PART NUMBER	Products Description									
	Hose In-Dia	Thread METRIC	Nut Hex		Tail-Growth		Drop		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
L08KF2290-31MM	1/2	M22*1.5P	27.0	1.06	42.3	1.67	31.0	1.22	72.7	2.86
L12KF3090-55MM	3/4	M30*1.5P	36.0	1.42	54.3	2.14	55.0	2.17	90.7	3.57

100R12

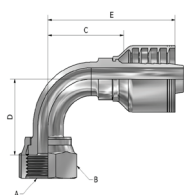


(L) = Light Series
Metric
(S) = Heavy Series
Metric

MF - O-Ring Metric Female 90° Elbow 24° Cone

PART NUMBER	Products Description									
	Hose In-Dia	Thread METRIC	Nut Hex		Tail-Growth		Drop		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
L06MFO1016A90-34MM (L)	3/8	M16*1.5P	19.0	0.75	31.1	1.22	34.0	1.34	54.9	2.16
L06MFO1018A90-36MM (S)	3/8	M18*1.5P	22.0	0.87	31.1	1.22	36.0	1.42	54.9	2.16
L06MFO1218A90-36MM (L)	3/8	M18*1.5P	22.0	0.87	31.1	1.22	36.0	1.42	54.9	2.16
L06MFO1220A90-37MM (S)	3/8	M20*1.5P	24.0	0.94	35.1	1.38	37.0	1.46	58.9	2.32
L06MFO1422A90-37MM-O	3/8	M22*1.5P	27.0	1.06	38.1	1.50	37.0	1.46	61.9	2.44
L06MFO1522A90-37MM (L)	3/8	M22*1.5P	27.0	1.06	38.1	1.50	37.0	1.46	61.9	2.44
L08MFO1422A90-37MM (S)	1/2	M22*1.5P					37.0	1.46		
L08MFO1522A90-41.7MM (L)	1/2	M22*1.5P	27.0	1.06	45.1	1.78	41.7	1.64	75.5	2.97
L08MFO1624A90-45MM (S)	1/2	M24*1.5P	30.0	1.18	46.0	1.81	45.0	1.77	74.5	2.93
L08MFO1826A90-46MM (L)	1/2						46.0	1.81		
L10MFO1826A90-48MM (L)	5/8	M26*1.5P	32.0	1.26	50.6	1.99	48.0	1.89	82.1	3.23
L10MFO2030B90-52MM (S)	5/8	M30*2.0P	36.0	1.42	52.6	2.07	52.0	2.05	84.1	3.31
L10MFO2230B90-48MM (L)	5/8	M30*2.0P	36.0	1.42	56.6	2.23	48.0	1.89	88.1	3.47
L10MFO2536B90-59MM (S)	5/8	M36*2.0P	46.0	1.81	56.6	2.23	59.0	2.32	88.1	3.47
L12MFO1826A90-52.8MM (L)	3/4	M26*1.5P	32.0	1.26	45.3	1.78	52.8	2.08	81.7	3.22
L12MFO2030B90-56.5MM (S)	3/4	M30*2.0P	36.0	1.42	52.3	2.06	56.5	2.22	88.7	3.49
L12MFO2230B90-58MM (L)	3/4	M30*2.0P	36.0	1.42	52.3	2.06	58.0	2.28	88.7	3.49
L12MFO2536B90-65MM (S)	3/4	M36*2.0P	46.0	1.81	50.3	1.98	65.0	2.56	86.7	3.41
L16MFO3042B90-75MM (S)	1	M42*2.0P	50.0	1.97	64.6	2.54	75.0	2.95	108.5	4.27
L20MFO3545B90-85MM (L)	1-1/4	M45*2.0P	50.0	1.97	88.2	3.47	85.0	3.35	130.7	5.15
L24MFO4252B90-101MM (L)	1-1/2	M52*2.0P	60.0	2.36	105.0	4.13	101.0	3.98	160.2	6.31

100R12



L = Long Drop

FO - Female O-Ring Face Seal Swivel 90° Elbow

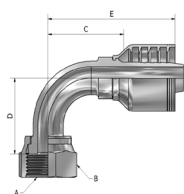
PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
L06FO1190-23MM	3/8	11/16-16	22.0	0.87	31.1	1.22	23.0	0.91	54.9	2.16
L06FO1190L-54MM	3/8	11/16-16	22.0	0.87	31.1	1.22	54.0	2.13	54.9	2.16
L06FO1390-29MM	3/8	13/16-16	23.8	0.94	33.0	1.30	29.0	1.14	56.8	2.24
L06FO1390L-64MM	3/8	13/16-16	23.8	0.94	33.0	1.30	64.0	2.52	56.8	2.24
L08FO1390-29MM	1/2	13/16-16	23.8	0.94	35.1	1.38	29.0	1.14	65.5	2.58
L08FO1390L-63.8MM	1/2	13/16-16	23.8	0.94	35.1	1.38	63.8	2.51	65.5	2.58
L08FO1690-32MM	1/2	1"-14	30.0	1.18	38.2	1.50	32.0	1.26	68.6	2.70
L08FO1990-43MM	1/2	1-3/16-12	36.0	1.42	35.1	1.38	43.0	1.69	65.5	2.58
L10FO1690-32MM	5/8	1"-14	30.0	1.18	40.6	1.60	32.0	1.26	72.1	2.84
L10FO1690L-70MM	5/8	1"-14	30.0	1.18	40.6	1.60	70.0	2.76	72.1	2.84
L10FO1990-48MM	5/8	1-3/16-12	36.0	1.42	47.0	1.85	48.0	1.89	78.5	3.09
L12FO1990-48MM	3/4	1-3/16-12	36.0	1.42	52.3	2.06	48.0	1.89	88.7	3.49

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100R12

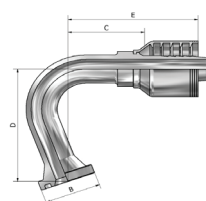
FO - Female O-Ring Face Seal Swivel 90° Elbow *Continued...*


L = Long Drop

L12FO1990L-96MM	3/4	1-3/16-12	36.0	1.42	52.3	2.06	96.0	3.78	88.7	3.49
L12FO2390-56MM	3/4	1-7/16-12	41.0	1.61	52.3	2.06	56.0	2.20	88.7	3.49
L16FO2390-56MM	1"	1-7/16-12	41.0	1.61	67.3	2.65	56.0	2.20	111.2	4.38
L16FO2390L-114MM	1"	1-7/16-12	41.0	1.61	67.3	2.65	114.0	4.49	111.2	4.38
L16FO2790-75MM	1"	1-11/16-12	50.0	1.97	62.6	2.46	75.0	2.95	106.5	4.19
L20FO2790-82MM	1-1/4	1-11/16-12	50.0	1.97	87.3	3.44	82.0	3.23	136.1	5.36
L20FO2790L-129MM	1-1/4	1-11/16-12	50.0	1.97	87.3	3.44	129.0	5.08		
L24FO3290-101MM	1-1/2	2"-12	60.0	2.36	105.0	4.13	101.0	3.98	160.2	6.31
L24FO3290L-141MM	1-1/2	2"-12	60.0	2.36	105.0	4.13	141	5.55	160.2	6.31

110 Degree

100R12

F61 - SAE Code 61 Flange 110° Elbow


PART NUMBER	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
L12F6112110	3/4	3/4	38.1	1.50	51.1	2.01	84.0	3.31	87.4	3.44
L12F6116110	3/4	1	44.5	1.75	52.8	2.08				
L16F6116110	1	1	44.5	1.75	57.2	2.25	94.0	3.70	101.0	3.98
L16F6120110	1	1-1/4	50.8	2.00	61.2	2.41	94.0	3.70	105.0	4.13
L20F6120110	1-1/4	1-1/4	50.8	2.00	69.6	2.74	104.0	4.09	112.1	4.41
L20F6124110	1-1/4	1-1/2	60.3	2.37	69.6	2.74	104.0	4.09	112.1	4.41
L24F6124110	1-1/2	1-1/2	60.3	2.37						
L24F6132110	1-1/2	1-1/2	71.4	2.81						
L32F6132110	2	2	71.4	2.81	118.0	4.65	154.0	6.06	175.9	6.93

N Series Hose Tails to suit 100R13, 100R15 & GH506
Straight

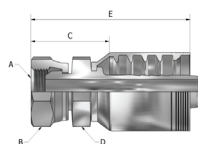
100R13, 100R15 & GH506

HU - 1502 Hammer Union Male and Female


PART NUMBER	Products Description									
	Hose In-Dia	Nipple		Tail-Growth		Overall length				
		MM	Inch	MM	Inch	MM	Inch			
		A		C		E				
N32FHU32	2									
N32MHU32	2									

100R13, 100R15 &
GH506

BF - BSP Female Parallel Pipe Swivel Straight 60° Cone



PART NUMBER	Products Description									
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
N12BF12	3/4	3/4-14	36.0	1.42	50.0	1.97	36.0	1.42	102.2	4.02
N16BF16	1	43040	41.0	1.61	57.9	2.28	41.0	1.61	111.9	4.41
N16BF20	1	1-1/4-11	50.0	1.97	63.7	2.51	50.0	1.97	117.7	4.63
N20BF20	1-1/4	1-1/4-11	50.0	1.97	71.6	2.82	50.0	1.97	136.5	5.37
N24BF24	1-1/2	1-1/2-11	55.0	2.17	84.4	3.32	60.0	2.36	157.2	6.19
N32BF32	2	2-11	70.0	2.76	85.3	3.36	70.0	2.76	168.2	6.62

100R13, 100R15 &
GH506

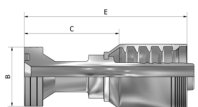
BM - BSP Male Taper



PART NUMBER	Products Description									
	Hose In-Dia	Thread PT	Nipple Hex		Tail-Growth		Overall length			
			MM	Inch	MM	Inch	MM	Inch		
		A	B		C		E			
N12BM16	3/4	1-11								

100R13, 100R15 &
GH506

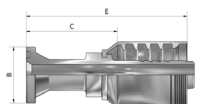
FC62 - CAT Flange Straight



PART NUMBER	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Overall Length			
			MM	Inch	MM	Inch	MM	Inch		
		A	B		C		E			
N12FC6212	3/4	3/4	41.3	1 5/8	71.9	2.83	124.4	4.90		
N12FC6216	3/4	1	47.6	1 7/8	50.6	1.99	103.2	4.06		
N16FC6216	1	1	47.6	1 7/8	87.5	3.44	141.5	5.57		
N16FC6220	1	1-1/4	54.0	2 1/8	55.4	2.18	109.8	4.32		
N20FC6220	1-1/4	1-1/4	54.0	2 1/8	93.4	3.68	158.7	6.25		
N20FC6224	1-1/4	1-1/2	63.5	2 1/2	68.3	2.69	133.6	5.26		
N24FC6224	1-1/2	1-1/2	63.5	2 1/2	118.6	4.67	191.6	7.54		
N24FC6232	1-1/2	2	79.4	3 1/8	86.4	3.40	159.4	6.28		

100R13, 100R15 &
GH506

F61 - SAE Code 61 Flange Straight



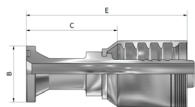
PART NUMBER	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Overall Length			
			MM	Inch	MM	Inch	MM	Inch		
		A	B		C		E			
N12F6112	3/4	3/4	38.1	1.50	67.8	2.67	120.0	4.72		
N12F6116	3/4	1	44.5	1.75	54.3	2.14	106.5	4.19		
N16F6116	1	1	44.5	1.75	70.8	2.79	124.8	4.91		

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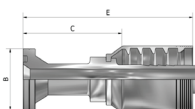
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100R13, 100R15 &
GH506

F61 - SAE Code 61 Flange Straight *Continued...*


N16F6120	1	1-1/4	50.8	2.00	43.5	1.71	97.5	3.84		
N20F6120	1-1/4	1-1/4	50.8	2.00	86.1	3.39	151.0	5.94		
N20F6124	1-1/4	1-1/2	60.3	2.37	71.8	2.83	136.7	5.38		
N24F6124	1-1/2	1-1/2	60.3	2.37	104.0	4.09	177.0	6.97		
N24F6132	1-1/2	2	71.2	2.80	71.9	2.83	144.9	5.70		
N32F6124	2	1-1/2	60.3	2.37	107.1	4.22	190.0	7.48		
NP32F6132-LT	2	2	71.42	2.81	92.5	3.64	190.3	7.49		

100R13, 100R15 &
GH506

F62 - SAE Code 62 Flange Straight


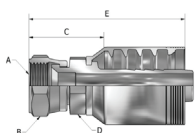
PART NUMBER	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Overall Length			
			MM	Inch	MM	Inch	MM	Inch		
			B		C		E			
N12F6212	3/4	3/4	41.3	1.63	71.9	2.83	124.4	4.90		
N12F6216	3/4	1	47.6	1.87	46.0	1.81	98.5	3.88		
N16F6212	1	3/4	41.3	1.63	89.5	3.52	143.5	5.65		
N16F6216	1	1	47.6	1.87	85.3	3.36	139.3	5.48		
N16F6220	1	1-1/4	54.0	2.13	54.3	2.14	108.7	4.28		
N20F6216	1-1/4	1	47.6	1.87	91.5	3.60	156.4	6.16		
N20F6220	1-1/4	1-1/4	54.0	2.13	92.8	3.65	158.1	6.22		
N20F6224	1-1/2	1-1/4	63.5	2.50	65.4	2.57	130.7	5.15		
N24F6224	1-1/2	1-1/2	63.5	2.50	116.0	4.57	190.0	7.48		
N24F6232	1-1/2	2	79.4	3.13	86.4	3.40	159.4	6.28		
N32F6232	2	2	79.4	3.13	136.5	5.37	219.4	8.64		

100R13, 100R15 &
GH506

HJ - Hose Joiner

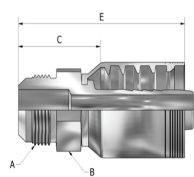

PART NUMBER	Products Description									
	Hose In-Dia	Nipple		Tail-Growth		Overall length				
		MM	Inch	MM	Inch	MM	Inch			
		A		C		E				
N24HJ24	1 1/2									
N32HJ32	2									

100R13, 100R15 &
GH506

JF - JIC Female 37° Swivel Straight


PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
			B		C		D		E	
N12JF17	3/4	1-1/16-12	31.8	1.25	48.0	1.89	28.6	1.12	100.2	3.94
N12JF21	3/4	1-5/16-12	38.0	1.50	50.6	1.99	35.0	1.38	103.1	4.06
N16JF21	1	1-5/16-12	38.0	1.50	54.3	2.14	35.0	1.38	108.3	4.26
N20JF26	1-1/4	1-5/8-12	50.0	1.97	70.2	2.76	47.6	1.87	135.1	5.32
N24JF30	1-1/2	1-7/8-12	55.0	2.17	74.2	2.92	54.0	2.13	147.2	5.80
N32JF40	2	2-1/2-12	73.0	2.87	91.7	3.61	63.5	2.50	174.6	6.87

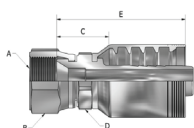
100R13, 100R15 & GH506



JM - JIC Male 37° Swivel Straight

PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nipple Hex		Tail-Growth		Overall Length			
			MM	Inch	MM	Inch	MM	Inch		
N12JM21	3/4	1-5/16-12	35.0	1.38	50.4	1.98	102.6	4.04		

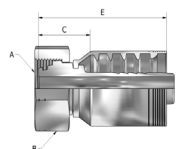
100R13, 100R15 & GH506



KF - Komatsu Female Swivel Straight 30° Flare JIS Metric

PART NUMBER	Products Description									
	Hose In-Dia	Thread METRIC	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
N12KF30	3/4	M30*1.5P	36.0	1.42	35.4	1.39	32.0	1.26	87.6	3.45
N16KF33	1	M33*1.5P								

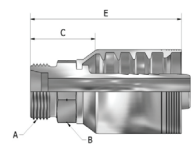
100R13, 100R15 & GH506



MF - O-Ring Metric Female Straight 24° Cone

PART NUMBER	Products Description									
	Hose In-Dia	Thread METRIC	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
N12MF02030B (S)	3/4	M30*2.0P	36.0	1.42	47.1	1.85	32.0	1.26	99.3	3.91
N12MF02230B (L)	3/4	M30*1.5P	36.0	1.42	44.8	1.76	32.0	1.26	97.4	3.83
N12MF02536B (S)	3/4	M36*2.0P	46.0	1.81	34.3	1.35		0.00	87.1	3.43
N16MF02536B (S)	1	M36*2.0P	46.0	1.81	52.7	2.07	35.0	1.38	107.9	4.25
N16MF03042B (S)	1	M42*2.0P	50.0	1.97	45.6	1.80		0.00	99.6	3.92
N20MF03042B (S)	1-1/4	M42*2.0P	50.0	1.97	62.9	2.48	46.0	1.81	127.8	5.03
N20MF03852B (S)	1-1/4	M52*2.0P	60.0	2.36	48.3	1.90			113.2	4.46
N24MF03852B (S)	1-1/2	M52*2.0P	60.0	2.36	67.2	2.65	50.0	1.97	140.2	5.52

100R13, 100R15 & GH506



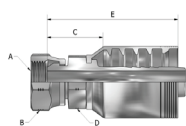
MM - Metric Male Straight 24° Cone

PART NUMBER	Products Description									
	Hose In-Dia	Thread METRIC	Nipple Hex		Tail-Growth		Overall Length			
			MM	Inch	MM	Inch	MM	Inch		
N12MM2030B (S)	3/4	M30*2.0P	30.0	1.18	38.8	1.53	91.3	3.59		
N16MM3042B (S)	1	M42*2.0P								
N20MM3042B (S)	1-1/4	M42*2.0P	46.0	1.81	51.8	2.04	119.1	4.69		
N20MM3852B (S)	1-1/4	M52*2.0P	55.0	2.17	56.5	2.22	121.8	4.80		



100R13, 100R15 & GH506

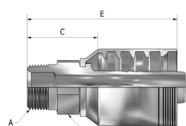
NF - NPT Female S/W Straight



PART NUMBER	Products Description									
	Hose In-Dia	Thread NPSM	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
N12NF12	3/4	3/4-14	32.0	1.26	38.1	1.50	30.0	1.18	90.6	3.57
N16NF16	1	1-11-1/2	41.0	1.61	44.5	1.75	35.0	1.38	98.9	3.89

100R13, 100R15 & GH506

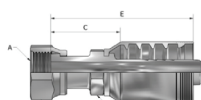
NM - Taper Male NPT Straight



PART NUMBER	Products Description									
	Hose In-Dia	Thread NPTF	Nipple Hex		Tail-Growth		Overall Length			
			MM	Inch	MM	Inch	MM	Inch		
		A	B		C		E			
N12NM12	3/4	3/4-14	28.6	1.12	46.0	1.81	98.2	3.87		
N16NM16	1	1-11-1/2	35.0	1.38	54.4	2.14	108.4	4.27		
N20NM20	1-1/4	1-1/4-11-1/2	46.0	1.81	69.6	2.74	134.5	5.30		
N24NM24	1-1/2	1-1/2-11-1/2	50.8	2.00	67.0	2.64	140.0	5.51		
N32NM32	2	2-11-1/2	63.5	2.50	73.9	2.91	156.8	6.17		

100R13, 100R15 & GH506

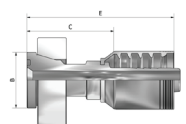
FO - Female O-Ring Face Seal Swivel Straight



PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
N12FO19	3/4	1-3/16-12	36.0	1.42	49.1	1.93	30.0	1.18	101.3	3.99
N12FO23	3/4	1-7/16-12	41.0	1.61	53.3	2.10	35.0	1.38	105.5	4.15
N16FO23	1	1-7/16-12	41.0	1.61	56.5	2.22	35.0	1.38	110.5	4.35
N20FO27	1-1/4	1-11/16-12	50.0	1.97	61.8	2.43	46.0	1.81	126.7	4.99
N24FO32	1-1/2	2-12	60.0	2.36	76.4	3.01	50.8	2.00	149.4	5.88

100R13, 100R15 & GH506

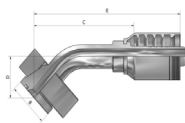
FT - Taper Flange Straight (For Heavy Duty Mining Equipment)



PART NUMBER	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Overall Length			
			MM	Inch	MM	Inch	MM	Inch		
		A	B		C		E			
N16FT16	1	1	49.5	1.95	78.5	3.09	132.9	5.23		
N16FT20	1	1-1/4	57.5	2.26	69.0	2.72	123.0	4.84		
N20FT20	1-1/4	1-1/4	57.5	2.26	105.7	4.16	171.0	6.73		
N20FT24	1-1/4	1-1/2	68.5	2.70	90.7	3.57	156.0	6.14		
N24FT24	1-1/2	1-1/2	68.5	2.70	130.0	5.12	203.0	7.99		
N24FT32	1-1/2	2	83.5	3.29	115.0	4.53	188.0	7.40		
N32FT32	2	2	83.5	3.29	135.7	5.34	234.0	9.21		

15 Degree

100R13, 100R15 & GH506

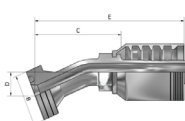


FT - Taper Flange 15° Elbow (For Heavy Duty Mining Equipment)

PART NUMBER	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
N24FT2415	1-1/2	1-1/2	68.5	2.70	217.0	8.54	24.0	0.94	290.0	11.4

22.5 Degree

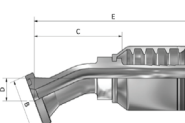
100R13, 100R15 & GH506



FC62 - CAT Flange 22.5° Elbow

PART NUMBER	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
N20FC622022.5	1-1/4	1-1/4	54.0	2.13	111.0	4.37	21.4	0.84	175.9	6.93
N24FC622422.5	1-1/2	1-1/2	63.5	2.50	137.3	5.41	27.6	1.09	210.3	8.28

100R13, 100R15 & GH506

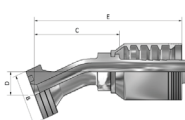


F61 - SAE Code 61 Flange 22.5° Elbow

PART NUMBER	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
N12F611222.2	3/4	3/4	38.1	1.50	67.2	2.65				
N12F611622.5	3/4	1	44.5	1.75	74.8	2.94	16.9	0.67	119.8	4.72
N16F611622.5	1	1	44.5	1.75	88.4	3.48	19.7	0.78	142.8	5.62
N16F612022.5	1	1-1/4	50.8	2.00	88.1	3.47	19.6	0.77	142.5	5.61
N20F612022.5	1-1/4	1-1/4	50.8	2.00	67.7	2.67				

30 Degree

100R13, 100R15 & GH506

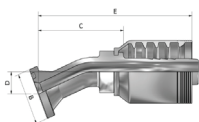


FC62 - CAT Flange 30° Elbow

PART NUMBER	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
N20FC622030	1-1/4	1-1/4	54.0	2.13	108.2	4.26	26.7	1.05	173.6	6.83
N24FC622430	1-1/2	1-1/2	63.5	2.50	134.3	5.29	34.6	1.36	207.3	8.16

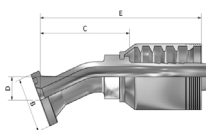


TAIPAN

100R13, 100R15 &
GH506


F61 - SAE Code 61 Flange 30° Elbow

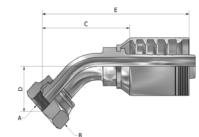
PART NUMBER	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
N12F611230	3/4	3/4	38.1	1.50	672	2.65				
N12F611630	3/4	1	44.5	1.75	72.9	2.87	21.3	0.84	117.9	4.64
N16F611630	1	1	44.5	1.75	86.3	3.40	24.8	0.98	140.7	5.54
N16F612030	1	1-1/4	50.8	2.00	86.0	3.39	24.6	0.97	140.5	5.53
N20F612030	1-1/4	1-1/4	50.8	2.00	67.7	2.67				

100R13, 100R15 &
GH506


F62 - SAE Code 62 Flange 30° Elbow

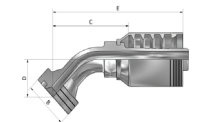
PART NUMBER	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
N32F623230	2	2	79.4	3.13	163.7	6.44	39.1	1.54	246.6	9.71

45 Degree

100R13, 100R15 &
GH506


BF - BSP Female Parallel Pipe Swivel 45° Elbow 60° Cone

PART NUMBER	Products Description									
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
N12BF1245	3/4	3/4-14	36.0	1.42	76.2	3.00	35.4	1.39	128.4	5.06
N16BF1645	1	1-11	41.0	1.61	89.8	3.54	40.4	1.59	143.8	5.66
N20BF2045	1-1/4	1-1/4-11	50.0	1.97	124.6	4.91	55.5	2.19	189.4	7.46
N24BF2445	1-1/2	1-1/2-11	55.0	2.17	142.5	5.61	60.1	2.37	215.3	8.48
N32BF3245	2	2-11	70	2.76	173.7	6.84	68.8	2.71	256.6	10.10

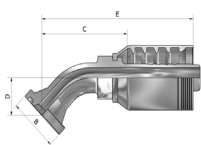
100R13, 100R15 &
GH506


FC62 - CAT Flange 45° Elbow

PART NUMBER	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
N12FC621245	3/4	3/4	41.3	1.63	72.0	2.83	31.6	1.24	124.6	4.91
N12FC621645	3/4	1	47.6	1.87	72.0	2.83	31.5	1.24	124.6	4.91
N16FC621645	1	1	47.6	1.87	84.2	3.31	35.3	1.39	138.6	5.46
N16FC622045	1	1-1/4	54.0	2.13	84.2	3.31	35.3	1.39	138.6	5.46
N20FC622045	1-1/4	1-1/4	54.0	2.13	109.4	4.31	40.8	1.61	174.7	6.88
N20FC622445	1-1/4	1-1/2	63.5	2.50	109.4	4.31	40.8	1.61	174.7	6.88
N24FC622445	1-1/2	1-1/2	63.5	2.50	127.5	5.02	45.2	1.78	200.5	7.89

100R13, 100R15 &
GH506

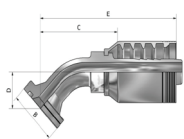
F61 - SAE Code 61 Flange 45° Elbow



PART NUMBER	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
N12F611245	3/4	3/4	38.1	1.50	67.2	2.65	26.4	1.04	119.4	4.70
N12F611645	3/4	1	44.5	1.75	68.9	2.71	28.0	1.10	121.0	4.76
N16F611645	1	1	44.5	1.75	81.4	3.20	32.0	1.26	135.3	5.33
N16F612045	1	1-1/4	50.8	2.00	81.4	3.20	32.0	1.26	135.3	5.33
N20F612045	1-1/4	1-1/4	50.8	2.00	107.1	4.22	38.0	1.50	171.9	6.77
N24F612445	1-1/2	1-1/2	60.3	2.37	123.4	4.86	41.0	1.61	196.4	7.73

100R13, 100R15 &
GH506

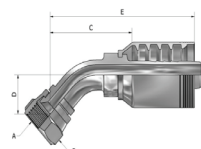
F62 - SAE Code 62 Flange 45° Elbow



PART NUMBER	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
N12F621245	3/4	3/4	41.3	1.63	67.5	2.66	27.0	1.06	120.0	4.72
N12F621645	3/4	1	47.6	1.87	68.5	2.70	28.0	1.10	121.0	4.76
N16F621645	1	1	47.6	1.87	80.9	3.19	32.0	1.26	135.3	5.33
N16F622045	1	1-1/4	54.0	2.13	80.9	3.19	32.0	1.26	135.3	5.33
N20F622045	1-1/4	1-1/4	54.0	2.13	106.6	4.20	38.0	1.50	171.9	6.8
N20F622445	1-1/4	1-1/2	63.5	2.50	106.6	4.20	38.0	1.50	171.9	6.77
N24F622445	1-1/2	1-1/2	63.5	2.50	126.4	4.98	44.0	1.73	199.4	7.9
N32F623245	2	2	79.4	3.13	163.6	6.44	56.0	2.20	246.5	9.70

100R13, 100R15 &
GH506

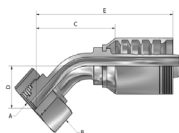
JF - JIC Female 37° Swivel 45° Elbow



PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
N12JF1745	3/4	1-1/16-12	31.8	1.25	67.9	2.67	27.0	1.06	120.0	4.72
N16JF2145	1	1-5/16-12	38.1	1.50	82.4	3.24	33.0	1.30	136.3	5.37
N20JF2645	1-1/4	1-5/8-12	50.0	1.97	114.1	4.49	45.0	1.77	178.9	7.04
N24JF3045	1-1/2	1-7/8-12	55.0	2.17	134.3	5.29	52.0	2.05	207.3	8.16

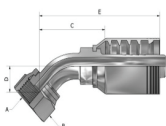


100R13, 100R15 &
GH506

MF - O-Ring Metric Female 45° Elbow 24° Cone

(S) = Heavy Series
Metric

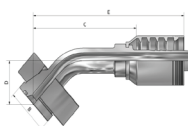
PART NUMBER	Products Description									
	Hose In-Dia	Thread METRIC	Nut Hex		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
N12MFO2030B45 (S)	3/4	M30*2.0P	36.0	1.42	73.1	2.88	32.3	1.27	125.3	4.93
N12MFO2536B45 (S)	3/4	M36*2.0P	46.0	1.81	70.1	2.76	34.0	1.34	122.9	4.84
N16MFO2536B45 (S)	1	M36*2.0P	46.0	1.81	85.4	3.36	33.0	1.30	139.3	5.48
N16MFO3042B45 (S)	1	M42*2.0P	50.0	1.97	96.2	3.79	37.0	1.46	150.2	5.91
N20MFO3852B45 (S)	1-1/4	M52*2.0P	60.0	2.36	119.1	4.69	50.0	1.97	183.9	7.24

100R13, 100R15 &
GH506

FO - Female O-Ring Face Seal Swivel 45° Elbow


PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
N12FO1945	3/4	1-3/16-12	36.0	1.42	62.0	2.44	21.1	0.83	114.1	4.49
N16FO2345	1	1-7/16-12	41.0	1.61	73.3	2.89	24.0	0.94	127.3	5.01
N20FO2745	1-1/4	1-11/16-12	50.0	1.97	111.1	4.37	42.0	1.65	175.9	6.93
N24FO3245	1-1/2	2-12	60.0	2.36	130.5	5.14	48.0	1.89	203.4	8.01

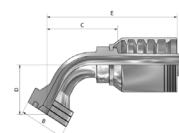
100R13, 100R15 &
GH506

FT - Taper Flange 45° Elbow (For Heavy Duty Mining Equipment)


PART NUMBER	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
N16FT1645	1	1	49.5	1.95	124.6	4.91	50.0	1.97	179.0	7.05
N20FT2045	1-1/4	1-1/4	57.5	2.26	168.7	6.64	60.0	2.36	234.0	9.2
N20FT2445	1-1/4	1-1/2	68.5	2.70	178.7	7.04	60.0	2.36	244.0	9.6
N24FT2445	1-1/2	1-1/2	68.5	2.70	190.0	7.48	80.0	3.15	263.0	10.4
N24FT3245	1-1/2	2	83.5	3.29	206.0	8.11	95.0	3.74	279.0	10.98
N32FT3245	2	2	83.5	3.29	206.7	8.14	90.0	3.54	305.0	12.01

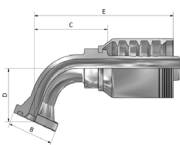
60 Degree

100R13, 100R15 &
GH506

FC62 - CAT Flange 60° Elbow


PART NUMBER	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
N20FC622060	1-1/4	1-1/4	54.0	2.13	107.8	4.24	55.2	2.17	173.1	6.81
N24FC622460	1-1/2	1-1/2	63.5	2.50	127.0	5.00	61.8	2.43	200.0	7.87

100R13, 100R15 &
GH506

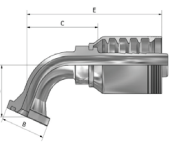


F61 - SAE Code 61 Flange 60° Elbow

PART NUMBER	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
N12F611260	3/4	3/4	38.1	1.50	67.2	2.65				
N12F611660	3/4	1	44.5	1.75	69.7	2.74	42.1	1.66	114.6	4.51
N16F611660	1	1	44.5	1.75	84.0	3.31				
N16F612060	1	1-1/4	50.8	2.00	88.9	3.50	58.6	2.31	143.4	5.65
N20F612060	1-1/4	1-1/4	50.8	2.00	67.7	2.67				

67.5 Degree

100R13, 100R15 &
GH506

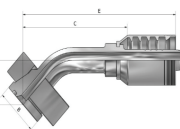


F61 - SAE Code 61 Flange 67.5° Elbow

PART NUMBER	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
N12F611267.5	3/4	3/4	38.1	1.50	67.2	2.65				
N12F611667.5	3/4	1	44.5	1.75	66.3	2.61	44.1	1.74	111.3	4.38
N16F611667.5	1	1	44.5	1.75	84.0	3.31	61.4	2.42	138.4	5.45
N16F612067.5	1	1-1/4	50.8	2.00	88.9	3.50				
N20F612067.5	1-1/4	1-1/4	50.8	2.00	67.7	2.67				

70 Degree

100R13, 100R15 &
GH506



FT - Taper Flange 70° Elbow (For Heavy Duty Mining Equipment)

PART NUMBER	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
N20FT2070	1-1/4	1-1/4	57.5	2.26	179.7	7.07	96.0	3.78	245.0	9.6

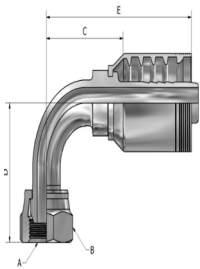


TAIPAN

90 Degree

100R13, 100R15 & GH506

BF - BSP Female Parallel Pipe Swivel 90° Elbow 60° Cone

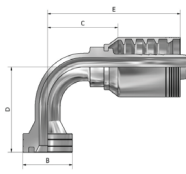


B = Block

PART NUMBER	Products Description									
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
N12BF1290-55MM	3/4	3/4-14	36.0	1.42	58.4	2.30	64.0	2.52	110.6	4.35
N12BF1290B-36MM	3/4	3/4-14	36.0	1.42	40.5	1.59	45.0	1.77	93.1	3.67
N16BF1690-73.5MM	1	1-11	41.0	1.61	74.6	2.94	84.0	3.31	128.6	5.06
N20BF2090-88.5MM	1-1/4	1-1/4-11	50.0	1.97	95.4	3.76	101.9	4.01	160.3	6.31
N24BF2490-110MM	1-1/2	1-1/2-11	55.0	2.17	114.6	4.51	120.0	4.72	187.4	7.38
N32BF3290-138MM	2	43041	70.0	2.76	151.7	5.97	152.9	6.02	234.6	9.24

100R13, 100R15 & GH506

FC62 - CAT Flange 90° Elbow

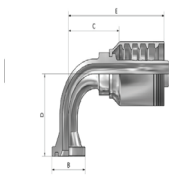


L = Long Drop

PART NUMBER	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
N12FC621290-64.4MM	3/4	3/4	41.3	1.63	58.1	2.29	64.4	2.54	110.6	4.35
N12FC621690-62.7MM	3/4	1	47.6	1.87	58.1	2.29	62.7	2.47	110.6	4.35
N16FC621690-74.5MM	1	1	47.6	1.87	71.2	2.80	74.5	2.93	125.6	4.94
N16FC622090-74.5MM	1	1-1/4	54.0	2.13	71.2	2.80	74.5	2.93	125.6	4.94
N20FC622090-86.5MM	1-1/4	1-1/4	54.0	2.13	95.0	3.74	86.5	3.41	160.3	6.3
N20FC622490L-200MM	1-1/4	1-1/2	63.5	2.50	95.0	3.74	200.0	7.87	160.3	6.31
N24FC622490-104MM	1-1/2	1-1/2	63.5	2.50	114.6	4.51	104.0	4.09	187.6	7.4

100R13, 100R15 & GH506

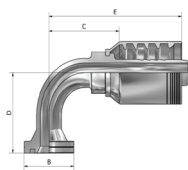
F61 - SAE Code 61 Flange 90° Elbow



L = Long Drop

PART NUMBER	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
N12F611290-58MM	3/4	3/4	38.1	1.50	58.4	2.30	58.0	2.28	110.6	4.35
N12F611290L-83MM	3/4	3/4	38.1	1.50	58.1	2.29	83.0	3.27	103.0	4.06
N12F611690-58MM	3/4	1	44.5	1.75	58.4	2.30	58.0	2.28	110.6	4.35
N16F611690-70MM	1	1	44.5	1.75	71.6	2.82	70.0	2.76	125.6	4.94
N16F611690L-117MM	1	1	44.5	1.75	96.6	3.80	117.0	4.61	150.6	5.93
N16F612090-70MM	1	1-1/4	50.8	2.00	71.6	2.82	70.0	2.76	125.6	4.94
N20F612090-82MM	1-1/4	1-1/4	50.8	2.00	95.4	3.76	82.0	3.23	160.3	6.31
N20F612090L-140MM	1-1/4	1-1/4	50.8	2.00	115.4	4.54	140.0	5.51	180.3	7.10
N24F612490-104MM	1-1/2	1-1/2	60.3	2.37	114.6	4.51	104.0	4.09	187.6	7.39
NP32F613290-125MM-LT	2	2	71.42	2.81	145.7	5.74	125	4.92	243.5	9.59

100R13, 100R15 &
GH506

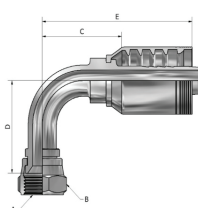


L = Long Drop

F62 - SAE Code 62 Flange 90° Elbow

PART NUMBER	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
N12F621290-58MM	3/4	3/4	41.3	1.63	58.1	2.29	58.0	2.28	110.6	4.35
N12F621290L-77MM	3/4	3/4	41.3	1.63	58.1	2.29	77.0	3.03	110.6	4.35
N12F621690-58MM	3/4	1	47.6	1.87	58.1	2.29	58.0	2.28	110.6	4.35
N12F621690L-77MM	3/4	1	47.6	1.87	58.1	2.29	77.0	3.03	110.6	4.35
N16F621290-58MM	1	3/4	41.3	1.63	63.2	2.49	58.0	2.28	117.6	4.63
N16F621690-70MM	1	1	47.6	1.87	71.2	2.80	70.0	2.76	125.6	4.94
N16F621690L-117MM	1	1	47.6	1.87	71.2	2.80	117.0	4.61	125.6	4.94
N16F622090-70MM	1	1-1/4	54.0	2.13	71.2	2.80	70.1	2.76	125.6	4.94
N16F622090L-117MM	1	1-1/4	54.0	2.13	71.2	2.80	117.0	4.61	125.6	4.94
N20F621690-70MM	1-1/4						70	2.76		
N20F622090-82MM	1-1/4	1-1/4	54.0	2.13	95.0	3.74	82.0	3.23	160.3	6.31
N20F622090L-120MM	1-1/4	1-1/4	54.0	2.13	95.0	3.74	120.0	4.72	160.3	6.31
N20F622090L-200MM	1-1/4	1-1/4	54.0	2.13	95.0	3.74	200.0	7.87	160.3	6.31
N20F622490-82MM	1-1/4	1-1/2	63.5	2.50	95.4	3.76	82.0	3.23	160.3	6.31
N20F622490L-120MM	1-1/4	1-1/2	63.5	2.50	115.4	4.54	120.0	4.72	180.3	7.10
N24F622090-94MM	1-1/2	1-1/4	54.0	2.13	101.1	3.98	94.0	3.70	174.1	6.85
N24F622090L-200MM	1-1/2	1-1/4	54.0	2.13	101.1	3.98	200.0	7.87	174.1	6.85
N24F622490-104MM	1-1/2	1-1/2	63.5	2.50	114.6	4.51	104.0	4.09	187.6	7.39
N24F622490L-180MM	1-1/2	1-1/2	63.5	2.50	114.6	4.51	180.0	7.09	187.6	7.39
N24F623290-104MM	1-1/2	2	79.4	3.13	116.1	4.57	104.0	4.09	189.1	7.44
N32F623290-124MM	2	2	79.4	3.13	154.5	6.08	124.0	4.88	237.4	9.35
N32F623290L-159MM	2	2	79.4	3.13	154.5	6.08	159.0	6.26	237.4	9.35

100R13, 100R15 &
GH506



L = Long Drop

JF - JIC Female 37° Swivel 90° Elbow

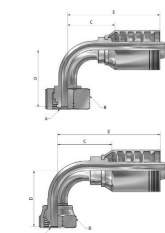
PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
N12JF1790-62MM	3/4	1-1/16-12	31.8	1.25	58.4	2.30	62.0	2.44	110.6	4.35
N16JF2190-74MM	1	1-5/16-12	38.1	1.50	71.6	2.82	74.0	2.91	125.6	4.94
N20JF2690-85MM	1-1/4	1-5/8-12	50.0	1.97	95.4	3.76	85.0	3.35	160.3	6.31
N20JF2690L-130MM	1-1/4	1-5/8-12	50.0	1.97	115.0	4.53	130.0	5.12	180.3	7.10
N24JF3090-110MM	1-1/2	1-7/8-12	55.0	2.17	114.5	4.51	110.0	4.33	187.5	7.38
N32JF4090-136MM	2	2-1/2-12	73.0	2.87	151.7	5.97	136.0	5.35	234.6	9.24



TAIPAN

100R13, 100R15 &
GH506

MF - O-Ring Metric Female 90° Elbow 24° Cone

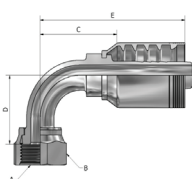


(S) = Heavy Series
Metric

PART NUMBER	Products Description									
	Hose In-Dia	Thread METRIC	Nut Hex		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
N12MF02030B90-60.6MM (S)	3/4	M30*2.0P	36.0	1.42	57.8	2.28	60.6	2.39	110.6	4.35
N12MF02536B90-65MM (S)	3/4	M36*2.0P	46.0	1.81	53.7	2.11	65.0	2.56	106.5	4.19
N16MF02536B90-70MM (S)	1	M36*2.0P	46.0	1.81	74.6	2.94	70.0	2.76	128.6	5.06
N16MF03042B90-75MM (S)	1	M42*2.0P	50.0	1.97	69.6	2.74	75.0	2.95	123.6	4.87
N20MF03852B90-100MM (S)	1-1/4	M52*2.0P	60.0	2.36	95.4	3.76	100.0	3.94	160.3	6.31

100R13, 100R15 &
GH506

FO - Female O-Ring Face Seal Swivel 90° Elbow

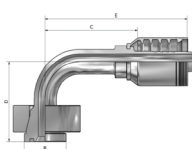


L = Long Drop

PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
N12FO1990-48MM	3/4	1-3/16-12	36.0	1.42	58.4	2.30	48.0	1.89	110.6	4.35
N12FO1990L-96MM	3/4	1-3/16-12	36.0	1.42	58.4	2.30	96.0	3.78	110.6	4.35
N16FO2390-56MM	1	1-7/16-12	41.0	1.61	70.6	2.78	56.0	2.20	124.6	4.91
N16FO2390L-114MM	1	1-7/16-12	41.0	1.61	71.2	2.80	114.0	4.49	125.6	4.94
N20FO2790-82MM	1-1/4	1-11/16-12	50.0	1.97	95.4	3.76	82.0	3.23	160.3	6.31
N20FO2790L-129MM	1-1/4	1-11/16-12	50.0	1.97	115.4	4.54	129.0	5.08	180.3	7.10
N24FO3290-101MM	1-1/2	43071	60.0	2.36	114.8	4.52	101.0	3.98	187.6	7.39

100R13, 100R15 &
GH506

FT - Taper Flange 90° Elbow (For Heavy Duty Mining Equipment)



L = Long Drop

PART NUMBER	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
N16FT1690-90MM	1	1	49.5	1.95	99.6	3.92	90.0	3.54	158.0	6.22
N16FT2090-100MM	1	1-1/4	57.5	2.26	99.6	3.92	100.0	3.94	158.0	6.22
N20FT2090-120MM	1-1/4	1-1/4	57.5	2.26	135.7	5.34	120.0	4.72	207.0	8.1
N20FT2090L-160MM	1-1/4	1-1/4	57.5	2.26	135.7	5.34	160.0	6.30	207.0	8.1
N20FT2490-120MM	1-1/4	1-1/2	68.5	2.70	135.7	5.34	120.0	4.72	207.0	8.1
N24FT2490-140MM	1-1/2	1-1/2	68.5	2.70	155.0	6.10	140.0	5.51	234.0	9.2
N24FT3290-160MM	1-1/2	2	83.5	3.29	155.0	6.10	160.0	6.30	234.0	9.21
N32FT3290-150MM	2	2	83.5	3.29	169.7	6.68	150.0	5.91	274.0	10.79

HOSE TAILS
100R13, 100R15 & GH506

105 Degree

100R13, 100R15 & GH506

FT - Taper Flange 105° Elbow (For Heavy Duty Mining Equipment)

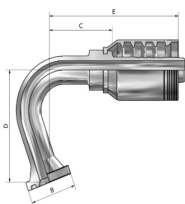


PART NUMBER	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
N24FT24105	1-1/2	1-1/2	68.5	2.70	155.0	6.10	140.0	5.51	234.0	9.2

110 Degree

100R13, 100R15 & GH506

F61 - SAE Code 61 Flange 110° Elbow



PART NUMBER	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
N12F6112110	3/4	3/4	38.1	1.50	56.7	2.23	84.0	3.31	108.9	4.29
N12F6116110	3/4	1	44.5	1.75	56.7	2.23	84.0	3.31	108.9	4.29
N16F6116110	1	1	44.5	1.75	63.7	2.51	94.0	3.70	117.7	4.63
N16F6120110	1	1-1/4	50.8	2.00	67.7	2.67	94.0	3.70	121.7	4.79
N20F6120110	1-1/4	1-1/4	50.8	2.00	67.7	2.67				

100R13, 100R15 & GH506

F62 - SAE Code 62 Flange 110° Elbow



PART NUMBER	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
N20F6220110	1-1/4	1-1/4	54.0	2.13	76.4	3.01	104.0	4.09	141.7	5.58

C Series Hose Tails to suit 100R14

Straight

100R14

JF - JIC Female 37° Swivel Straight



PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Nipple Hex		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
C03JF07	3/16	7/16-20								
C04JF07	1/4	7/16-20								

Continued on following page..



TAIPAN

100R14

JF - JIC Female 37° Swivel Straight *Continued...*


C04JF09	1/4	9/16-18								
C06JF09	3/8	9/16-18								
C06JF12	3/8	3/4-16								
C08JF12	1/2	3/4-16								
C08JF14	1/2	7/8-14								
C10JF14	5/8	7/8-14								
C10JF17	5/8	1-1/16-12								
C12JF17	3/4	1-1/16-12								
C16JF21	1	1-5/16-12								

100R14

SF - SAE Female Straight


PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Nipple Hex		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
C06SF10	3/8	5/8-18								
C10SF17	5/8	1-1/16-14								
C12SF17	3/4	1-1/16-14								

100R14

JF - JIC Female 37° Swivel 45° Elbow


PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Nipple Hex		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
C06JF1245	3/8	3/4-16								

90 Degree

100R14

JF - JIC Female 37° Swivel 90° Elbow


PART NUMBER	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Nipple Hex		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
C04JF0790-21MM	1/4	7/16-20								
C04JF0990-22MM	1/4									
C06JF0990-26MM	3/8	9/16-18								
C06JF1290-28MM	3/8	3/4-16								
C08JF1290-31MM	1/2	3/4-16								
C12JF1790-53MM	3/4	1-1/16-12								

Hose Tails to suit Aquawash

Straight

Aquawash

KA - Karcher Pressure Wash Straight - Two Piece



PART NUMBER	Products Description									
	Hose In-Dia	Thread METRIC	Nut Hex		Tail-Growth		Nipple Hex		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
G04KA22	1/4	M22*1.5P								
G05KA22	3/8	M22*1.5P								
G06KA22	3/8	M22*1.5P								

Aquawash

KA - Karcher Pressure Wash Straight



PART NUMBER	Products Description									
	Hose In-Dia	Thread METRIC	Nut Hex		Tail-Growth		Nipple Hex		Overall length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
K04KA22	1/4	M22*1.5P								
K05KA22	3/8	M22*1.5P								
K06KA22	3/8	M22*1.5P								

GH Series Hose Tails to suit Grease Hose

Straight

Grease Hose

BM- BSP Male Taper Pipe Straight 60° Cone



PART NUMBER	Products Description									
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
GH02BM02	1/8	1/8-28								

Grease Hose

JF - JIC Female 37° Swivel Straight



PART NUMBER	Products Description									
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
GH02JF07	1/8	7/16-20								





GH02SHELL

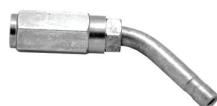
SPM - Stand Pipe Male Straight



PART NUMBER	Products Description									
	Hose In-Dia	SP OD	Nut Hex		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
GH02SP06	1/8	6MM								
GH02SP08	1/8	8MM								

45 Degree

SPM - Stand Pipe Male 45°



PART NUMBER	Products Description									
	Hose In-Dia	SP OD	Nut Hex		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
GH02SP0645	1/8	6MM								

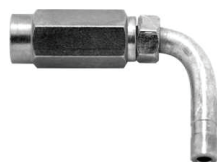
90 Degree

JF - JIC Female 37° Swivel 90° Elbow



PART NUMBER	Products Description									
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
GH02JF0790-21MM	1/8	7/16-20								

SPM - Stand Pipe Male 90°



PART NUMBER	Products Description									
	Hose In-Dia	SP OD	Nut Hex		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
GH02SP0690-37MM	1/8	6MM								