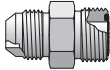
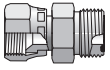
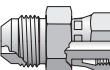
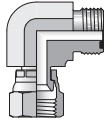
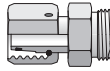
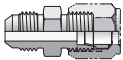
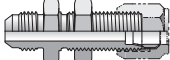
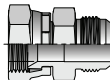
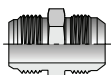
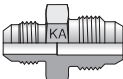
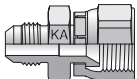
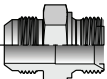
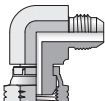


ORFS to 37° Flare	XHLO 37° Flare / ORFS  J3	LOHX6 37° Swivel / ORFS  J3	XHL6 37° Flare / ORFS Swivel  J3	LOEX6 ORFS / 37° Flare Swivel  J3
	ORFS to 24° Flareless	ORFS to Metric 24° Flareless	LOHU86 Metric 24° Flareless/ORFS  J4	
37° Flare to 24° Flareless	XHBU 37° Flare / Flareless  J4	XHBU2 37° / Flareless Bulkhead  J4	37° Flare to JIS 30° Flare	XHT46 37° Flare / 30° Flare  J5
				XHT4 37° Flare / JIS 30° Flare  J5
37° Flare to Komatsu Style 30° Flare	XHMKA 37° Flare / 30° Flare  I5	XHMKA6 37° Flare / 30° Swivel  I6		
	37° Flare to 60° Cone (K4)	XHK4 37° Flare / 60° Cone  J5	XHMK46 37° Flare / BSPP Swivel  J5	XEMK46 37° Flare / BSPP Swivel  J6
			37° Flare to Metric 24° Flareless	XHU86 37° / Metric 24° Flareless  J6

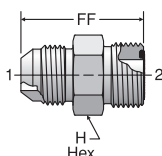
O-Rings and Seals (Shown in Section M)

O-Rings	ORFS O-Ring  M4	EO O-Ring  M10

[Click here for CADs, Support Resources or to Configure Parts Online](#)

XHLO

Male Adapter
37° Flare / ORFS

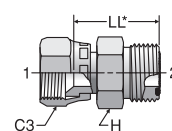


TUBE FITTING PART #	END SIZE		FF (in.)	H HEX (in.)	Dynamic Pressure (x 1,000 PSI)	
	1	2			-S	-SS
	(in.)	(in.)				
4 XHLO	1/4	1/4	1.25	5/8	7.5	9.0
6 XHLO	3/8	3/8	1.34	3/4	6.0	7.2
8 XHLO	1/2	1/2	1.55	7/8	6.0	7.2
10 XHLO	5/8	5/8	1.83	1 1/16	5.0	6.0
12 XHLO	3/4	3/4	2.05	1 1/4	5.0	6.0
16 XHLO	1	1	2.16	1 1/2	4.5	5.4
20 XHLO	1 1/4	1 1/4	2.29	1 3/4	4.0	4.8
24 XHLO	1 1/2	1 1/2	2.48	2 1/8	3.0	3.6

WARNING: This product can expose you to chemicals including Lead and Lead Compounds which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

LOHX6

Swivel Adapter
37° Flare Swivel / ORFS



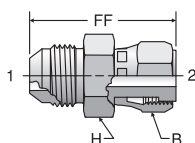
*LL – End to base of flare

TUBE FITTING PART #	END SIZE		C3 HEX (in.)	H HEX (in.)	LL Ref. (in.)	Dynamic Pressure (x 1,000 PSI)	
	1	2				-S	-SS
	(in.)	(in.)					
4 LOHX6	1/4	1/4	9/16	5/8	0.89	7.5	9.0
6 LOHX6	3/8	3/8	11/16	3/4	1.06	5.0	6.0
8 LOHX6	1/2	1/2	7/8	7/8	1.21	5.0	6.0
10 LOHX6	5/8	5/8	1	1 1/16	1.40	5.0	6.0
12 LOHX6	3/4	3/4	1 1/4	1 1/4	1.48	5.0	6.0
16 LOHX6	1	1	1 1/2	1 1/2	1.64	3.6	4.3
20 LOHX6	1 1/4	1 1/4	2	1 3/4	1.77	3.6	4.3

WARNING: This product can expose you to chemicals including Lead and Lead Compounds which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

XHL6

Male Swivel Adapter
ORFS Swivel / 37° Flare

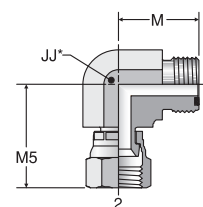


TUBE FITTING PART #	END SIZE		B HEX (in.)	FF (in.)	H HEX (inch) (in.)	Dynamic Pressure (x 1,000 PSI)	
	1	2				-S	-SS
	(in.)	(in.)					
4 XHL6	1/4	1/4	11/16	1.50	5/8	7.5	9.2
6 XHL6	3/8	3/8	13/16	1.61	3/4	6.0	7.2
8 XHL6	1/2	1/2	15/16	1.90	7/8	6.0	7.2
10 XHL6	5/8	5/8	1 1/8	2.20	1 1/16	5.0	6.0
12 XHL6	3/4	3/4	1 3/8	2.50	1 1/4	5.0	6.0
16 XHL6	1	1	1 5/8	2.66	1 1/2	4.5	5.4
20 XHL6	1 1/4	1 1/4	1 7/8	2.80	1 11/16	4.0	4.8

WARNING: This product can expose you to chemicals including Lead and Lead Compounds which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

LOEX6

Swivel Elbow
ORFS / 37° Flare Swivel



* JJ – Across wrench flats

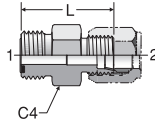
TUBE FITTING PART #	END SIZE		JJ (in.)	M (in.)	M5 (in.)	Dynamic Pressure (x 1,000 PSI)	
	1	2				-S	-SS
	(in.)	UN/UNF-2B					
4 LOEX6	1/4	1/4	9/16	0.85	1.08	7.5	7.5
6 LOEX6	3/8	3/8	3/4	0.98	1.25	5.0	5.0
8 LOEX6	1/2	1/2	3/4	1.10	1.38	5.0	5.0
10 LOEX6	5/8	5/8	1 1/16	1.31	1.63	5.0	5.0
12 LOEX6	3/4	3/4	1 3/16	1.47	1.80	5.0	5.0
16 LOEX6	1	1	1 7/16	1.64	2.00	4.0	4.0
20 LOEX6	1 1/4	1 1/4	1 5/8	1.76	2.31	3.6	3.6
24 LOEX6	1 1/2	1 1/2	1 7/8	1.92	2.59	3.0	3.0

Dimensions and pressures for reference only, subject to change.

[Click here for CADs, Support Resources or to Configure Parts Online](#)

BUHLO

Ferulok Male Adapter
ORFS / SAE Flareless

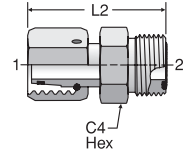


TUBE FITTING PART #	END SIZE		C4 HEX (in.)	L (in.)	Dynamic Pressure (x 1,000 PSI)	
	1	2			-S	-SS
	(in.)	(in.)				
6 BUHLO	3/8	3/8	3/4	1.25	6.0	7.2
8 BUHLO	1/2	1/2	7/8	1.45	5.0	6.0
10 BUHLO	5/8	5/8	1 1/16	1.70	5.0	6.0
12 BUHLO	3/4	3/4	1 1/4	1.88	4.5	5.4
16 BUHLO	1	1	1 1/2	1.94	4.0	4.8

WARNING: This product can expose you to chemicals including Lead and Lead Compounds which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

LOHU86

EO Swivel Adapter
24° Flareless Metric
Swivel (EO) / ORFS

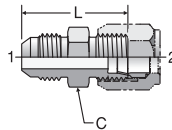


TUBE FITTING PART #	END SIZE		C4 HEX (in.)	L2 (in.)	Dynamic Pressure (x 1,000 PSI)	
	1	2			-S	-SS
	EO Swivel	(in.)				
L Series						
4-6L LOHU86	6L	1/4	5/8	1.32	4.5	5.4
4-8L LOHU86	8L	1/4	5/8	1.32	4.5	5.4
6-10L LOHU86	10L	3/8	3/4	1.44	4.5	5.4
8-12L LOHU86	12L	1/2	7/8	1.53	4.5	5.4
10-15L LOHU86	15L	5/8	1 1/16	1.82	4.5	5.4
12-18L LOHU86	18L	3/4	1 1/4	1.89	4.5	5.4
16-22L LOHU86	22L	1	1 1/2	2.08	2.5	3.0
S Series						
4-6S LOHU86	6S	1/4	5/8	1.32	9.2	9.2
4-8S LOHU86	8S	1/4	5/8	1.34	9.2	9.2
6-10S LOHU86	10S	3/8	3/4	1.44	9.2	9.2
8-12S LOHU86	12S	1/2	7/8	1.59	9.2	9.2
10-14S LOHU86	14S	5/8	1 1/16	1.84	9.2	9.2
10-16S LOHU86	16S	5/8	1 1/16	1.84	5.8	5.8
12-20S LOHU86	20S	3/4	1 1/4	2.05	5.8	5.8
16-25S LOHU86	25S	1	1 1/2	2.15	5.8	5.8

WARNING: This product can expose you to chemicals including Lead and Lead Compounds which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

XHBU

Union Adapter
SAE Flareless / 37° Flare

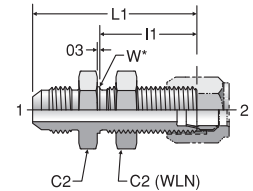


TUBE FITTING PART #	END SIZE		C HEX (in.)	L (in.)	Dynamic Pressure (x 1,000 PSI)	
	1	2			-S	-SS
	(in.)	(in.)				
4 XHBU	1/4	1/4	1/2	1.19	5.0	7.7
6 XHBU	3/8	3/8	5/8	1.28	5.0	7.7
8 XHBU	1/2	1/2	13/16	1.47	5.0	7.7
10 XHBU	5/8	5/8	15/16	1.69	5.0	6.0
12 XHBU	3/4	3/4	1 1/8	1.94	4.5	6.0
16 XHBU	1	1	1 5/8	1.97	4.0	4.8
20 XHBU	1 1/4	1 1/4	1 3/4	2.00	3.0	3.6
24 XHBU	1 1/2	1 1/2	2 1/8	2.16	2.0	2.4

WARNING: This product can expose you to chemicals including Lead and Lead Compounds which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

XHBU2

Bulkhead Union Adapter
SAE Flareless Bulkhead /
37° Flare



*W – Bulkhead pilot dia. recommended clearance hole is +.015 over W dia.

TUBE FITTING PART #	END SIZE		C2 HEX (in.)	I1 (in.)	L1 (in.)	W (in.)	Max. Bulkhead Thickness	Dynamic Pressure (x 1,000 PSI)	
	1	2						-S	-SS
	(in.)	(in.)							
4 XHBU2	1/4	1/4	11/16	1.13	1.94	0.44	0.38	5.0	7.7
6 XHBU2	3/8	3/8	13/16	1.17	2.08	0.56	0.40	5.0	7.7
8 XHBU2	1/2	1/2	1	1.31	2.31	0.75	0.40	5.0	7.7
10 XHBU2	5/8	5/8	1 1/8	1.45	2.56	0.88	0.37	5.0	7.7
12 XHBU2	3/4	3/4	1 3/8	1.56	2.94	1.06	0.43	4.5	5.4
16 XHBU2	1	1	1 5/8	1.56	2.95	1.31	0.43	4.0	4.8

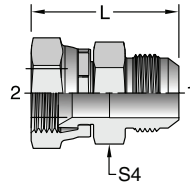
WARNING: This product can expose you to chemicals including Lead and Lead Compounds which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

Dimensions and pressures for reference only, subject to change.

[Click here for CADs, Support Resources or to Configure Parts Online](#)

XHT46

BSPP Swivel Adapter
37° Flare / 30° Flare Swivel

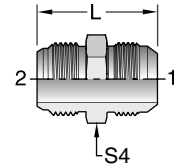


TUBE FITTING PART #	End Size		S4 Hex (in.)	L (in.)	Dynamic Pressure (x 1,000 PSI)
	1 (in.)	2 BSPP			-S
4 XHT46	1/4	1/4-19	9/16	1.22	5.0
6 XHT46	3/8	3/8-19	11/16	1.32	5.0
8 XHT46	1/2	1/2-14	7/8	1.46	5.0
12 XHT46	3/4	3/4-14	1 1/4	1.92	4.0
16 XHT46	1	1-11	1 1/2	2.05	3.0

WARNING: This product can expose you to chemicals including Lead and Lead Compounds which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

XHT4

Union Adapter
37° Flare / JIS 30° Flare

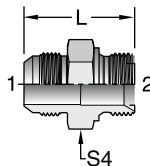


TUBE FITTING PART #	End Size		S4 Hex (in.)	L (in.)	Dynamic Pressure (x 1,000 PSI)
	1 (in.)	2 BSPP			-S
4-4 XHT4	1/4	1/4-19	3/4	1.42	5.0
6 XHT4	3/8	3/8-19	3/4	1.55	5.0
8 XHT4	1/2	1/2-14	7/8	1.75	5.0
12 XHT4	3/4	3/4-14	1 1/8	2.06	4.0
16 XHT4	1	1-11	1 3/8	2.17	3.0

WARNING: This product can expose you to chemicals including Lead and Lead Compounds which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

XHK4

BSPP Swivel Adapter
37° Flare / 60° Cone

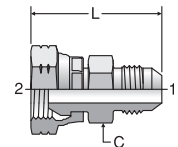


TUBE FITTING PART #	End Size		S4 Hex (in.)	L (in.)	Dynamic Pressure (x 1,000 PSI)
	1 (in.)	2 BSPP			-S
4-4 XHK4	1/4	1/4-19	3/4	1.25	5.1
6-4 XHK4	3/8	1/4-19	7/8	1.42	2.9
6-6 XHK4	3/8	3/8-19	7/8	1.46	2.9
8-6 XHK4	1/2	3/8-19	1 1/16	1.61	2.9
8-8 XHK4	1/2	1/2-14	1 1/16	1.69	2.9
10-8 XHK4	5/8	1/2-14	1 1/8	1.89	2.9
12-12 XHK4	3/4	3/4-14	1 5/16	2.13	2.9
12-16XHK4	3/4	1-11	1 5/8	2.27	1.7
16-16 XHK4	1	1-11	1 5/8	2.32	1.7

WARNING: This product can expose you to chemicals including Lead and Lead Compounds which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

XHMK46

BSPP Swivel Adapter
37° Flare / BSPP 60° Cone
Swivel



Swivel end mates with BS5200 (Parker K4) adapters and Parker D9 hose fittings.

TUBE FITTING PART #	END SIZE		C HEX (mm)	L (mm)	Dynamic Pressure (x 1,000 PSI)
	1 (in.)	2 BSPP			S
6-4XHMK46	3/8	1/4-19	17	40.0	5.0
6XHMK46	3/8	3/8-19	17	39.2	4.0
8-6XHMK46	1/2	3/8-19	19	42.3	4.0
8XHMK46	1/2	1/2-14	19	45.0	4.0
10-8XHMK46	5/8	1/2-14	24	48.6	4.0
12XHMK46	3/4	3/4-14	30	50.0	4.0
12-16XHMK46	3/4	1-11	36	56.8	3.0
16XHMK46	1	1-11	36	58.0	3.0

WARNING: This product can expose you to chemicals including Lead and Lead Compounds which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

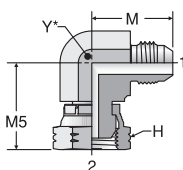
Dimensions and pressures for reference only, subject to change.

[Click here for CADs, Support Resources or to Configure Parts Online](#)

XEMK46

90° BSP Swivel Adapter
37° Flare / BSPP 60° Cone
Swivel

Swivel end mates with BS5200
(Parker K4) adapters and Parker
D9 hose fittings.

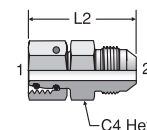


* Y – Across wrench flats

TUBE FITTING PART #	END SIZE		M (mm)	M5 (mm)	Y (mm)	Dynamic Pressure (x 1,000 PSI) S
	1 (in.)	2 BSPP				
6-4XEMK46	3/8	1/4-19	26.9	33.2	19	4.0
6XEMK46	3/8	3/8-19	26.9	32.6	19	4.0
8-6XEMK46	1/2	3/8-19	31.8	32.6	19	4.0
8XEMK46	1/2	1/2-14	31.8	38.8	22	4.0
10-8XEMK46	5/8	1/2-14	36.8	38.8	22	4.0
12XEMK46	3/4	3/4-14	42.2	40.3	27	4.0
12-16XEMK46	3/4	1-11	42.2	48.8	33	3.0
16XEMK46	1	1-11	46.0	48.8	33	3.0

XHU86

EO Swivel Adapter
Metric Swivel (EO) / 37° Flare



TUBE FITTING PART #	END SIZE		C4 HEX (in.)	L2 (in.)	Dynamic Pressure (x 1,000 PSI)		
	1	2			S	SS	B
	EO Swivel	(in.)					
L Series							
4-6L XHU86	6L	1/4	1/2	1.47	4.5	4.5	2.9
6-8L XHU86	8L	3/8	5/8	1.52	4.5	4.5	2.9
6-10L XHU86	10L	3/8	5/8	1.57	4.5	4.5	2.9
8-12L XHU86	12L	1/2	13/16	1.69	4.5	4.5	2.9
10-15L XHU86	15L	5/8	15/16	1.98	4.5	4.5	2.9
12-18L XHU86	18L	3/4	1 1/8	2.11	4.5	4.5	2.9
16-22L XHU86	22L	1	1 3/8	2.36	2.3	2.3	1.5
16-28L XHU86	28L	1	1 3/8	2.45	2.3	2.3	1.5
S Series							
4-6S XHU86	6S	1/4	1/2	1.49	7.5	7.5	4.9
6-8S XHU86	8S	3/8	5/8	1.57	7.5	7.5	4.9
6-10S XHU86	10S	3/8	11/16	1.57	7.5	7.5	4.9
8-12S XHU86	12S	1/2	13/16	1.75	6.0	6.0	3.9
10-16S XHU86	16S	5/8	15/16	2.04	5.0	5.0	3.3
12-20S XHU86	20S	3/4	1 1/8	2.29	5.0	5.0	3.3
16-25S XHU86	25S	1	1 3/8	2.45	4.5	4.5	2.9

WARNING: This product can expose you to chemicals including Lead and Lead Compounds which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

TABLE
OF
CONTENTS

VISUAL
INDEX

FAQs

ASSEMBLY

TUBE FAB
EQUIP

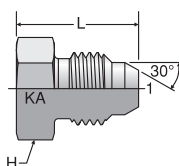
Dimensions and pressures for reference only, subject to change.

[Click here for CADs, Support Resources or to Configure Parts Online](#)

PNMKA

Plug
30° Flare

Mates with XU and MU series hose fittings

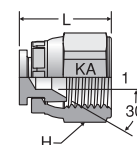


TUBE FITTING PART #	END SIZE	H HEX (mm)	L (mm)	Dynamic Pressure (x 1,000 PSI)
	1 Metric Thread			S
4PNMKA	M14 X 1.5	17	23.4	4.0
6PNMKA	M18 X 1.5	22	25.1	4.0
8PNMKA	M22 X 1.5	24	28.7	4.0
10PNMKA	M24 X 1.5	27	32.0	4.0
12PNMKA	M30 X 1.5	32	36.6	4.0
16PNMKA	M33 X 1.5	38	40.6	4.0

WARNING: This product can expose you to chemicals including Lead and Lead Compounds which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

FNMKA

Cap
30° Flare



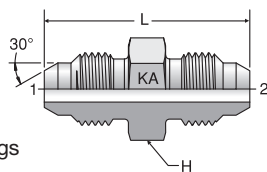
TUBE FITTING PART #	END SIZE	H HEX (mm)	L (mm)	Dynamic Pressure (x 1,000 PSI)
	1 Metric Thread			S
4FNMKA	M14 X 1.5	19	21.4	4.0
6FNMKA	M18 X 1.5	24	23.1	4.0
8FNMKA	M22 X 1.5	27	27.1	4.0
10FNMKA	M24 X 1.5	32	31.8	4.0
12FNMKA	M30 X 1.5	36	35.5	4.0
16FNMKA	M33 X 1.5	41	40.9	4.0

WARNING: This product can expose you to chemicals including Lead and Lead Compounds which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

HMKA

Male Union
30° Flare

Mates with XU and MU series hose fittings



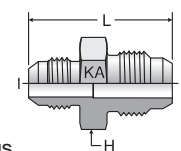
TUBE FITTING PART #	END SIZE	H HEX (mm)	L (mm)	Dynamic Pressure (x 1,000 PSI)
	1&2 Metric Thread			S
4-4HMKA	M14 X 1.5	17	39.4	4.0
6-6HMKA	M18 X 1.5	22	43.4	4.0
8-8HMKA	M22 X 1.5	24	47.5	4.0
10-10HMKA	M24 X 1.5	27	52.1	4.0
12-12HMKA	M30 X 1.5	32	63.2	4.0
16-16HMKA	M33 X 1.5	38	72.1	4.0

WARNING: This product can expose you to chemicals including Lead and Lead Compounds which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

XHMKA

37° Conversion Adapter
30° Flare / 37° Flare

End 2 mates with XU and MU series hose fittings



TUBE FITTING PART #	END SIZE		H HEX (mm)	L (mm)	Dynamic Pressure (x 1,000 PSI)
	1 (in.)	2 Metric Thread			S
4-4XHMKA	1/4	M14 X 1.5	17	37.1	4.0
6-6XHMKA	3/8	M18 X 1.5	22	39.6	4.0
8-8XHMKA	1/2	M22 X 1.5	24	44.2	4.0
10-10XHMKA	5/8	M24 X 1.5	27	49.8	4.0
12-12XHMKA	3/4	M30 X 1.5	32	59.2	4.0
16-16XHMKA	1	M33 X 1.5	38	65.3	4.0

WARNING: This product can expose you to chemicals including Lead and Lead Compounds which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

TABLE OF CONTENTS

VISUAL INDEX

FAQs

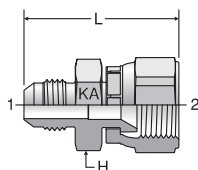
Dimensions and pressures for reference only, subject to change.

[Click here for CADs, Support Resources or to Configure Parts Online](#)

XHMKA6

37° Swivel Conversion Adapter

37° Flare / 30° Swivel



TUBE FITTING PART #	END SIZE		H HEX (mm)	L (mm)	Dynamic Pressure (x 1,000 PSI)
	1 (in.)	2 Metric Thread			S
4-4XHMKA6	1/4	M14 X 1.5	17	40.6	4.0
6-6XHMKA6	3/8	M18 X 1.5	22	42.7	4.0
8-8XHMKA6	1/2	M22 X 1.5	24	49.0	4.0
10-10XHMKA6	5/8	M24 X 1.5	27	57.4	4.0
12-12XHMKA6	3/4	M30 X 1.5	32	65.8	4.0
16-16XHMKA6	1	M33 X 1.5	38	73.9	4.0

WARNING: This product can expose you to chemicals including Lead and Lead Compounds which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

TABLE
OF
CONTENTS

VISUAL
INDEX

FAQs

Dimensions and pressures for reference only, subject to change.

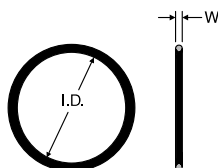
[Click here for Support Resources or to Configure Parts Online](#)

ORFS O-Ring

ORFS Tube End O-Ring

Specify size and compound

Example: 2-018 NBR (standard NBR)

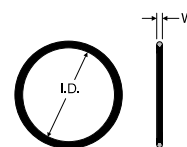


XO O-Ring

Triple-Lok 2 O-Ring

Specify size and compound

Example: 2-019 NBR (standard NBR)



TUBE FITTING PART #	FITTING DASH SIZE	END SIZE		I.D.		W		Material		
		(in.)	(mm)	(in.)	(mm)	(in.)	(mm)	NBR*	FKM**	CNG***
2-011	4	1/4	6	0.30	7.7	0.07	1.78	•	•	•
2-012	6	3/8	8, 10	0.36	9.3	0.07	1.78	•	•	•
2-014	8	1/2	12	0.49	12.4	0.07	1.78	•	•	•
2-016	10	5/8	14, 15, 16	0.61	15.6	0.07	1.78	•	•	•
2-018	12	3/4	18, 20	0.74	18.8	0.07	1.78	•	•	•
2-020	14	7/8	22	0.86	21.8	0.07	1.78	•	•	•
2-021	16	1	25	0.93	23.5	0.07	1.78	•	•	•
2-025	20	1 1/4	28, 30, 32	1.18	29.9	0.07	1.78	•	•	•
2-029	24	1 1/2	35, 38	1.49	37.8	0.07	1.78	•	•	•
2-135	32	2	50	1.93	49.0	0.10	2.54	•	•	•

* NBR is the standard compound — 90-durometer Nitrile.

** FKM is an optional 90-durometer fluorocarbon compound.

*** CNG is an optional 85 durometer HNBR compound for CNG applications

See page M3 for O-ring Material Selection and data.

TUBE FITTING PART #	TUBE O.D. (in.)	I.D. (in.)	W (in.)	Material NBR
5-193	1/4	0.18	0.04	•
5-179	5/16	0.24	0.04	•
5-056	3/8	0.30	0.04	•
5-058	1/2	0.43	0.05	•
2-013	5/8	0.43	0.07	•
2-016	3/4	0.61	0.07	•
2-017	7/8	0.68	0.07	•
2-019	1	0.80	0.07	•
2-023	1 1/4	1.05	0.07	•
2-026	1 1/2	1.24	0.07	•
2-133	2	1.80	0.10	•

TABLE
OF
CONTENTS

VISUAL
INDEX

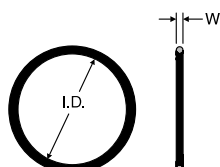
FAQs

SAE O-Ring

SAE Straight Thread Port O-Ring

Specify size and compound

Example: 3-906 NBR (standard NBR)



TUBE FITTING PART #	FITTING DASH SIZE	I.D. (in.)	W (in.)	Material		
				NBR*	FKM**	CNG***
3-902	2	0.24	0.06	•	•	
3-903	3	0.30	0.06	•	•	
3-904	4	0.35	0.07	•	•	•
3-905	5	0.41	0.07	•	•	
3-906	6	0.47	0.08	•	•	•
3-908	8	0.64	0.09	•	•	•
3-910	10	0.76	0.10	•	•	
3-912	12	0.92	0.12	•	•	
3-914	14	1.05	0.12	•	•	
3-916	16	1.17	0.12	•	•	
3-920	20	1.48	0.12	•	•	
3-924	24	1.72	0.12	•	•	
3-932	32	2.34	0.12	•	•	

* NBR is the standard compound — 90-durometer Nitrile.

** FKM is an optional 90-durometer fluorocarbon compound.

*** CNG is an optional 85 durometer HNBR compound for CNG applications

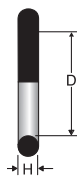
See page M3 for O-ring Material Selection and data.

Dimensions for reference only, subject to change.

[Click here for Support Resources or to Configure Parts Online](#)

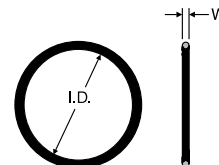
EO O-Ring

O-ring for EO Banjo Fitting Bolts
Part Numbers: WH/TH



SAE 4-Bolt Flange O-Ring

Code 61 and Code 62 Flanges



Specify size and compound
Example: 2-210 NBR

BANJO BOLT METRIC THREAD	BANJO BOLT BSPP THREAD	D	H	O-RING NBR*	O-RING FKM**
M10	G 1/8	9.3	1.5	OR9.3X1.5X	OR9.3X1.5VITX
M12, M14	G 1/4	12.5	1.5	OR12.5X1.5X	OR12.5X1.5VITX
M16	G 3/8	16.0	1.5	OR16X1.5X	OR16X1.5VITX
M18		18.0	1.5	OR18X1.5X	OR18X1.5VITX
M20, M22	G 1/2	20.0	1.5	OR20X1.5X	OR20X1.5VITX
M26, M27	G 3/4	25.0	2.0	OR25X2X	OR25X2VITX
M33	G 1	33.0	2.5	OR33X2.5X	OR33X2.5VITX
M42	G 1 1/4	41.0	2.5	OR41X2.5X	OR41X2.5VITX
M48	G 1 1/2	46.0	3.0	OR46X3X	OR46X3VITX

*NBR is standard compound — 90-durometer Nitrile.

**FKM is optional 85-durometer Fluorocarbon compound.

TUBE FITTING PART #	HOSE PROD- UCTS DIVI- SION PART # 1)	FITTING DASH SIZE	W (in.)	I.D. (in.)	Material NBR*
2-210	711510-6	8	0.139	0.734	•
2-214	711510-5	12	0.139	0.984	•
2-219	711510-4	16	0.139	1.296	•
2-222	711510-3	20	0.139	1.484	•
2-225	711510-2	24	0.139	1.859	•
2-228	711510-1	32	0.139	2.234	•
2-232	711510-7	40	0.139	2.734	•
2-237	711510-8	48	0.139	3.359	•
2-241		56	0.139	3.859	•
2-245		64	0.139	4.359	•
2-253		80	0.139	5.359	•

* NBR is the standard compound — 90-durometer Nitrile.

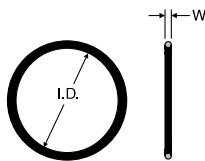
O-ring for DIN 2353 EO Gear Pump Flange Adapters
Part Numbers: BFG/BFW

FLANGE SERIES "LK"	D	H	O-RING NBR*
LK35	20.0	2.5	OR20X2.5X
LK40	26.0	2.5	OR26X2.5X
LK55	33.0	2.5	OR33X2.5X

*NBR is standard compound — 90-durometer Nitrile.

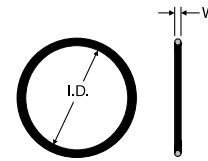
Radial Seal O-Ring

Dual Seal Port O-Ring



Flange Seal O-Ring

Dual Seal Flange Head O-Ring



TUBE FITTING PART #	END SIZE	W (in.)	I.D. (in.)
	2 DUAL SEAL		
2-113	1/2	0.103	0.549
2-123	1	0.103	1.174
2-129	1 1/2	0.103	1.549

Standard O-ring compound - 90 durometer NBR. Ordering example with material: 2-113 NBR.

TUBE FITTING PART #	END SIZE	W (in.)	I.D. (in.)
	2 DUAL SEAL		
2-022	1/2	0.070	0.989
2-129	1	0.103	1.549
2-136	1 1/2	0.103	1.987

Standard O-ring compound - 90 durometer NBR.

Dimensions for reference only, subject to change.