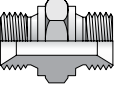
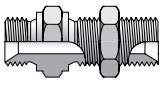
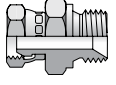
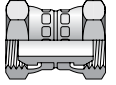
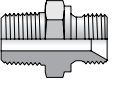
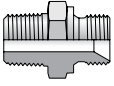
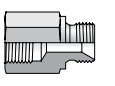
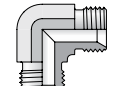
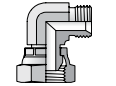
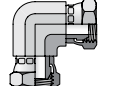
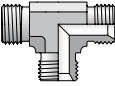
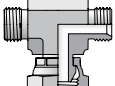
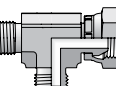
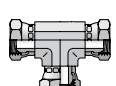
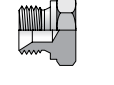
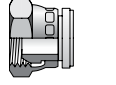





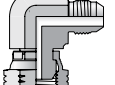
# K4 BSP Adapters




ENGINEERING YOUR SUCCESS.

<p><b>60° Cone BSP Adapters</b></p>	<p><b>Straights</b></p>	<p><b>HMK4</b> Union</p>  <p>16</p>	<p><b>WMK4WL4NM</b> Bulkhead Union</p>  <p>16</p>	<p><b>F6MK4</b> 60° Swivel / 60° Cone</p>  <p>16</p>	<p><b>H6MK4</b> Swivel Union</p>  <p>16</p>
<p><b>FMK4</b> NPTF / 60° Cone</p>  <p>17</p>	<p><b>F3MK4</b> BSPT / 60° Cone</p>  <p>17</p>	<p><b>G4MK4</b> BSPP / 60° Cone</p>  <p>17</p>	<p><b>Elbows</b></p>	<p><b>EMK4</b> Union Elbow</p>  <p>18</p>	<p><b>C6MK4</b> 60° Swivel / 60° Cone</p>  <p>18</p>
<p><b>E6MK4</b> Swivel Union</p>  <p>18</p>	<p><b>Tees</b></p>	<p><b>JMK4</b> Union Tee</p>  <p>19</p>	<p><b>S6MK4</b> 60° Swivel Branch Tee</p>  <p>19</p>	<p><b>R6MK4</b> 60° Swivel Run Tee</p>  <p>19</p>	<p><b>J6MK4</b> Swivel Union Tee</p>  <p>19</p>
<p><b>Plug Caps</b></p>	<p><b>PNMK4</b> Hex Head Plug</p>  <p>17</p>	<p><b>FNMK4</b> Cap</p>  <p>18</p>			

**Conversion Adapters (Shown in Section K)**

<p><b>K4 BSP Conversion Adapters</b></p>	<p><b>XHMK46</b> 37° Flare / BSPP Swivel</p>  <p>K5</p>	<p><b>XEMK46</b> 37° Flare / BSPP Swivel</p>  <p>K5</p>
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**O-Rings and Seals (Shown in Section N)**

<p><b>K4 BSP O-Rings and Seals</b></p>	<p><b>D9DT</b> BSPP Bonded Seal</p>  <p>N7</p>
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Dimensions and pressures for reference only, subject to change.

## K4 BSP Adapters

Parker K4 (BSP) adapters are typically used as hose adapters on equipment designed and/or manufactured throughout Europe, especially equipment with ties to the UK, Scandinavia, the Netherlands, Spain and Italy. BSP cone adapters are similar in function to NPSM (07 Adapters) but with BSPP threads.

The metal-to-metal sealing is achieved by a single line of contact between the conical surface of the 60° cone seat and the corresponding surface of the ballnose or cone swivel, as shown in Fig. I1.

K4 adapters are manufactured in accordance with BS5200 standards. The 60° internal seat is designed for sealing with BSP hose swivel connections offered by many manufacturers. K4 adapters mate with Parker hose fitting series shown in Table I1.

Further enhancing the flexibility of the K4 adapter product line is the ability for the male BSP cone end of the straight fittings to also be used as a port adapter in ISO 1179-1 / DIN 3852 ports. This is accomplished with the addition of a bonded seal (often referred to as a “Dowty®” seal). This product feature is illustrated in Fig. I2.

## Design and Construction

**Construction:** Shaped K4 adapters are manufactured from a hot forged construction. Straight adapters are manufactured from cold drawn barstock.

**Threads:** The standard K4 products are manufactured with the thread forms listed below:

BSPP Threads: ISO 228-1 G

BSPT Threads: ISO 7/1, JIS B 0203

NPTF Threads: SAE J476, ANSI B1.20.3, FED-STD-H28/8

## Reference Locations

**Dynamic Pressure Ratings:** Please refer to the last column of the part number tables located on the following pages of this section for appropriate dynamic pressure ratings.

**Standard Material Specification:** Please refer to Table U2 in the Appendix Section.



Fig. I1 – K4 Interface

Adapter Connection End	Mating Parker Hose Fitting Series
K4 / K46	D9/92, B1, B2, B4

Table I1 – Parker K4 Fittings Hose Adaptability

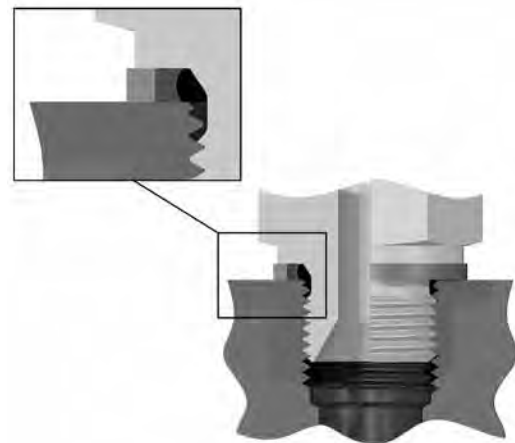


Fig. I2 – K4 End Used as a BSPP Port Adapter (in ISO 1179/ DIN 3852, Part 2 Port)

Dimensions and pressures for reference only, subject to change.

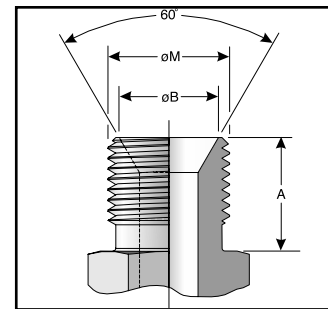
## 60° Cone Adapters: JIS vs. K4

**K4 Adapters, while very similar to JIS P4 cones (shown in previous section), are not interchangeable.**

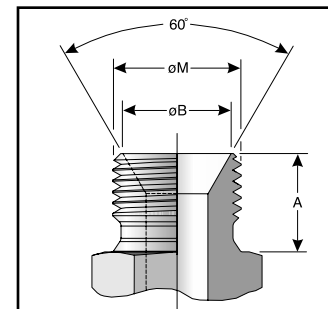
Parker's P4 JIS 60° cone adapters are manufactured in accordance to JIS B8363 while Parker's K4 BSP adapters are manufactured in accordance to BS5200. The following are some pronounced differences that may help in distinguishing between the K4 and P4 fittings:

1. Thread length ("A" dimensions)
2. 60° angle diameter ("B" dimensions)
3. The undercut area (area between threads and hex body) on the straight K4 fittings incorporates a bonded seal "locating pilot" for bonded seal
4. Parker's JIS fittings are stamped with "JIS" on the forging body or hex of fitting

See Figs. I3 and I4 for details and see Tables I2 and I3 below for specific dimensional differences.



**Fig. I3 – JIS B8363 60° Cone Connection (P4)**



**Fig. I4 – BS 52000 60° Cone Connection (K4)**

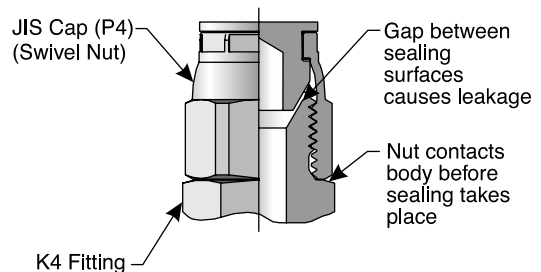
Size	BSPP Thread	M	A	B
2	1/8-28	0.38	0.418	0.276
4	1/4-19	0.51	0.570	0.394
6	3/8-19	0.65	0.609	0.531
8	1/2-14	0.82	0.726	0.650
12	3/4-14	1.04	0.805	0.866
16	1-11	1.30	0.883	1.102
20	1 1/4-11	1.64	0.945	1.417
24	1 1/2-11	1.87	0.962	1.654
32	2-11	2.34	1.102	2.126

**Table I2 – Dimensions of JIS B8363 60° Cone Connection (JIS P4)**

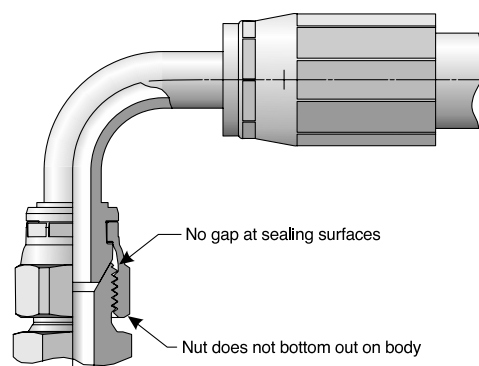
Size	BSPP Thread	M	A	B
2	1/8-28	0.38	0.315	0.295
4	1/4-19	0.51	0.433	0.409
6	3/8-19	0.65	0.472	0.551
8	1/2-14	0.82	0.551	0.689
10	5/8-14	0.90	0.630	0.760
12	3/4-14	1.04	0.630	0.902
16	1-11	1.30	0.748	1.130
20	1 1/4-11	1.64	0.787	1.449
24	1 1/2-11	1.87	0.866	1.681
32	2-11	2.34	0.984	2.150

**Table I3 – Dimensions of BS B5200 60° Cone Connection (K4)**

While the 60° cone versions of JIS and K4 fittings utilize the same BSPP threads and seat angle, not all dimensions are consistent. Therefore, they cannot be interchanged because the differences can cause leakage problems. An example of this is illustrated in Fig. I5, where a gap exists between sealing surfaces. The combination of matching proper components will create an effective seal as illustrated in Fig I6.



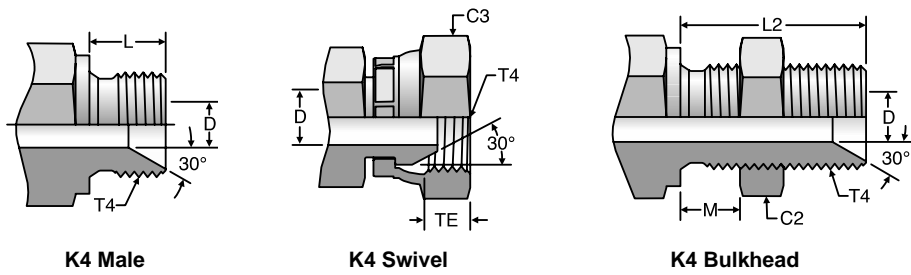
**Fig. I5 – Illustration Showing Potential Leakage Problem When Mixing JIS and K4 Components**



**Fig. I6 – An Effective Seal Created with the Proper Combination of Components**

Dimensions and pressures for reference only, subject to change.

# K4 BSP Ends



**K4 Male**

**K4 Swivel**

**K4 Bulkhead**

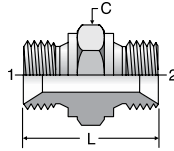
	BSPB Thread	Bulkhead Nut Hex	Swivel Hex	Drill	Male Turn Back	Bulkhead Length	Max Bulkhead Thickness	Assembly Allowance
<b>Dash Size</b>	<b>T4 BSPP</b>	<b>C2 (mm)</b>	<b>C3 (mm)</b>	<b>D (mm)</b>	<b>L (mm)</b>	<b>L2 (mm)</b>	<b>M (mm)</b>	<b>TE (mm)</b>
<b>2</b>	1/8-28	—	14	3.5	8	—	—	—
<b>4</b>	1/4-19	19	19	4.7	11	28	9.5	7.3
<b>6</b>	3/8-19	22	22	7.9	12	32	12.5	8.4
<b>8</b>	1/2-14	27	27	11.1	14	35	12.3	9.3
<b>10</b>	5/8-14	30	30	14.3	16	35	10.7	—
<b>12</b>	3/4-14	36	32	16.7	16	38	13.3	11.3
<b>16</b>	1-11	41	41	22.2	19	41	10.0	13.6
<b>20</b>	1 1/4-11	50	50	28.6	20	44	12.0	—
<b>24</b>	1 1/2-11	55	60	33.3	22	48	14.0	—
<b>32</b>	2-11	—	—	46.0	25	—	—	—

Dimensions and pressures for reference only, subject to change.

# HMK4

Union  
60° Cone / 60° Cone

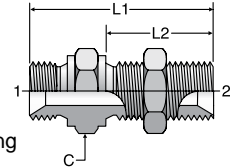
Mates with 92, B1, B2 and B4 style hose fitting



# WMK4WL4NM

Bulkhead Union  
60° Cone / 60° Cone

Mates with 92, B1, B2 and B4 style hose fitting



TUBE FITTING PART #	END SIZE		C HEX (mm)	L (mm)	Dynamic Pressure (x 1,000 PSI)
	1 BSPP	2 BSPP			S
					2HMK4
4-2HMK4	1/4 - 19	1/8 - 28	19	28.0	5.1
4HMK4	1/4 - 19	1/4 - 19	19	31.5	5.1
6-4HMK4	3/8 - 19	1/4 - 19	22	33.2	5.1
6HMK4	3/8 - 19	3/8 - 19	22	34.7	2.9
8-4HMK4	1/2 - 14	1/4 - 19	27	36.7	2.9
8-6HMK4	1/2 - 14	3/8 - 19	27	38.2	2.9
8HMK4	1/2 - 14	1/2 - 14	27	40.7	2.9
10-8HMK4	5/8 - 14	1/2 - 14	30	43.2	2.9
10HMK4	5/8 - 14	5/8 - 14	30	45.2	2.9
12-4HMK4	3/4 - 14	1/4 - 19	32	39.2	2.9
12-6HMK4	3/4 - 14	3/8 - 19	32	40.7	2.9
12-8HMK4	3/4 - 14	1/2 - 14	32	43.2	2.9
12-10HMK4	3/4 - 14	5/8 - 14	32	45.2	2.9
12HMK4	3/4 - 14	3/4 - 14	32	45.2	2.9
16-8HMK4	1 - 11	1/2 - 14	41	46.9	1.7
16-10HMK4	1 - 11	5/8 - 14	41	48.9	1.7
16-12HMK4	1 - 11	3/4 - 14	41	48.9	1.7
16HMK4	1 - 11	1 - 11	41	51.9	1.7
20-12HMK4	1 1/4 - 11	3/4 - 14	50	57.4	1.5
20-16HMK4	1 1/4 - 11	1 - 11	50	60.4	1.5
20HMK4	1 1/4 - 11	1 1/4 - 11	50	61.4	1.5
24-16HMK4	1 1/2 - 11	1 - 11	55	64.4	1.5
24-20HMK4	1 1/2 - 11	1 1/4 - 11	55	65.4	1.5
24HMK4	1 1/2 - 11	1 1/2 - 11	55	67.4	1.5
32-24HMK4	2 - 11	1 1/2 - 11	70	72.9	1.0
32HMK4	2 - 11	2 - 11	70	76.4	1.0

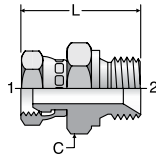
TUBE FITTING PART #	END SIZE		C HEX (mm)	L1 (mm)	L2 (mm)	Dynamic Pressure (x 1,000 PSI)
	1 & 2 BSPP	S				
		4WMK4WL4NM				1/4 - 19
6WMK4WL4NM	3/8 - 19	22	52.5	32	5.1	
8WMK4WL4NM	1/2 - 14	27	59.0	35	2.9	
10WMK4WL4NM	5/8 - 14	30	61.5	35	2.9	
12WMK4WL4NM	3/4 - 14	32	64.5	38	2.9	
16WMK4WL4NM	1 - 11	41	71.2	41	1.7	
20WMK4WL4NM	1 1/4 - 11	50	82.7	44	1.5	
24WMK4WL4NM	1 1/2 - 11	55	90.7	48	1.5	

Includes Bulkhead nut.

# F6MK4

Swivel Nut Connector  
60° Swivel / 60° Cone

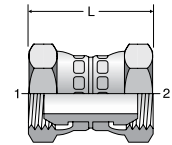
Mates with D9/92, B1, B2 and B4 style hose fitting



# H6MK4

Swivel Nut Union  
60° Swivel / 60° Swivel

Mates with D9 style hose fitting



TUBE FITTING PART #	END SIZE		C HEX (mm)	L (mm)	Dynamic Pressure (x 1,000 PSI)
	1 BSPP	2 BSPP			S
					4-4F6MK4
4-6F6MK4	1/4 - 19	3/8 - 19	22	38.5	5.1
4-8F6MK4	1/4 - 19	1/2 - 14	27	42.0	2.9
6-4F6MK4	3/8 - 19	1/4 - 19	22	38.3	5.1
6-6F6MK4	3/8 - 19	3/8 - 19	22	40.0	5.1
6-8F6MK4	3/8 - 19	1/2 - 14	27	43.6	2.9
8-6F6MK4	1/2 - 14	3/8 - 19	27	43.5	2.9
8-8F6MK4	1/2 - 14	1/2 - 14	27	46.1	2.9
8-12F6MK4	1/2 - 14	3/4 - 14	32	48.0	2.9
12-8F6MK4	3/4 - 14	1/2 - 14	32	48.6	2.9
12-12F6MK4	3/4 - 14	3/4 - 14	32	50.0	2.9
12-16F6MK4	3/4 - 14	1 - 11	41	54.3	1.7
16-16F6MK4	1 - 11	1 - 11	41	57.3	1.7

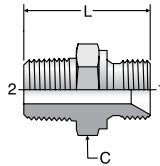
TUBE FITTING PART #	END SIZE		L (mm)	Dynamic Pressure (x 1,000 PSI)
	1 BSPP	2 BSPP		S
				4H6MK4
6-4H6MK4	3/8 - 19	1/4 - 19	38.6	5.1
6H6MK4	3/8 - 19	3/8 - 19	40.5	5.1
8-4H6MK4	1/2 - 14	1/4 - 19	41.5	2.9
8-6H6MK4	1/2 - 14	3/8 - 19	42.9	2.9
8H6MK4	1/2 - 14	1/2 - 14	45.8	2.9
10H6MK4	5/8 - 14	5/8 - 14	47.5	2.9
12-8H6MK4	3/4 - 14	1/2 - 14	48.2	2.9
12H6MK4	3/4 - 14	3/4 - 14	49.5	2.9
16H6MK4	1 - 11	1 - 11	57.5	1.7
20H6MK4	1 1/4 - 11	1 1/4 - 11	66.0	1.5
24H6MK4	1 1/2 - 11	1 1/2 - 11	70.0	1.5

Dimensions and pressures for reference only, subject to change.

### FMK4

NPTF Male Connector  
60° Cone / NPT

Mates with 92, B1, B2 and B4 style hose fitting

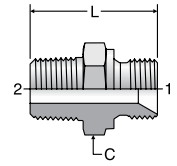


TUBE FITTING PART #	END SIZE		C HEX (mm)	L (mm)	Dynamic Pressure (x 1,000 PSI) S
	1	2			
	BSPP	NPTF			
2FMK4	1/8 - 28	1/8 - 27	14	24.4	5.1
2-4FMK4	1/8 - 28	1/4 - 18	19	28.9	5.1
4FMK4	1/4 - 19	1/8 - 18	19	28.9	5.1
4-4FMK4	1/4 - 19	1/4 - 18	19	33.4	5.1
4-6FMK4	1/4 - 19	3/8 - 18	19	33.6	5.1
6FMK4	3/8 - 19	1/4 - 18	22	35.1	5.1
6-6FMK4	3/8 - 19	3/8 - 18	22	35.1	5.1
6-8FMK4	3/8 - 19	1/2 - 14	22	39.9	5.1
8FMK4	1/2 - 14	3/8 - 18	27	38.6	2.9
8-8FMK4	1/2 - 14	1/2 - 14	27	43.4	2.9
8-12FMK4	1/2 - 14	3/4 - 14	27	43.9	2.9
12-8FMK4	3/4 - 14	1/2 - 14	32	45.9	2.9
12FMK4	3/4 - 14	3/4 - 14	32	45.9	2.9
12-16FMK4	3/4 - 14	1 - 11 1/2	36	50.8	2.9
16-12FMK4	1 - 11	3/4 - 14	41	49.6	1.7
16FMK4	1 - 11	1 - 11 1/2	41	54.5	1.7

### F3MK4

BSPT Male Connector  
60° Cone / BSPT

Mates with 92, B1, B2 and B4 style hose fitting

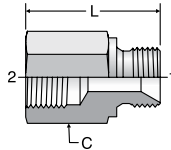


TUBE FITTING PART #	END SIZE		C HEX (mm)	L (mm)	Dynamic Pressure (x 1,000 PSI) S
	1	2			
	BSPP	BSPT			
2F3MK4	1/8 - 28	1/8 - 28	14	24.4	5.1
2-4F3MK4	1/8 - 28	1/4 - 19	14	28.9	5.1
4F3MK4	1/4 - 19	1/8 - 28	19	28.9	5.1
4-4F3MK4	1/4 - 19	1/4 - 19	19	33.4	5.1
4-6F3MK4	1/4 - 19	3/8 - 19	19	33.4	5.1
6F3MK4	3/8 - 19	1/4 - 19	22	35.1	5.1
6-6F3MK4	3/8 - 19	3/8 - 19	22	35.1	5.1
6-8F3MK4	3/8 - 19	1/2 - 14	22	39.9	2.9
8F3MK4	1/2 - 14	3/8 - 19	27	38.6	5.1
8-8F3MK4	1/2 - 14	1/2 - 14	22	43.4	2.9
10F3MK4	5/8 - 14	1/2 - 14	27	45.9	2.9
10-12F3MK4	5/8 - 14	3/4 - 14	30	45.9	2.9
12F3MK4	3/4 - 14	3/4 - 14	30	45.9	2.9
12-8F3MK4	3/4 - 14	1/2 - 14	32	46.0	1.7
12-16F3MK4	3/4 - 14	1 - 11	36	50.8	1.7
16F3MK4	1 - 11	1 - 11	41	54.5	1.7
16-12F3MK4	1 - 11	3/4 - 14	41	49.6	1.7
20F3MK4	1 1/4 - 11	1 1/4 - 11	50	63.7	1.5
24F3MK4	1 1/2 - 11	1 1/2 - 11	55	68.5	1.5

### G4MK4

BSPP Female Connector  
60° Cone / BSPP

Mates with 92, B1, B2 and B4 style hose fitting

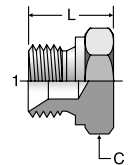


TUBE FITTING PART #	END SIZE		C HEX (mm)	L (mm)	Dynamic Pressure (x 1,000 PSI) S
	1	2			
	BSPP	BSPP			
6G4MK4	3/8 - 19	1/4 - 19	22	37.1	5.1
6-6G4MK4	3/8 - 19	3/8 - 19	23	36.9	1.7
8-4G4MK4	1/2 - 14	1/4 - 19	27	38.0	2.9
8G4MK4	1/2 - 14	3/8 - 19	30	45.3	2.9
12-4G4MK4	3/4 - 14	1/4 - 19	32	40.0	2.9
12-6G4MK4	3/4 - 14	3/8 - 19	32	41.6	2.9
12-8G4MK4	3/4 - 14	1/2 - 14	32	47.3	2.9
16-4G4MK4	1 - 11	1/4 - 19	41	43.0	1.7
16-6G4MK4	1 - 11	3/8 - 19	41	44.6	1.7
16-8G4MK4	1 - 11	1/2 - 14	41	50.3	1.7
16-12G4MK4	1 - 11	3/4 - 14	41	52.2	1.7

### PNMK4

Hex Plug  
60° Cone

Mates with 92, B1, B2 and B4 style hose fitting



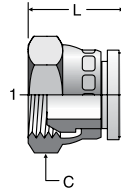
TUBE FITTING PART #	END SIZE		C HEX (mm)	L (mm)	Dynamic Pressure (x 1,000 PSI) S
	1	2			
	BSPP				
2PNMK4	1/8 - 28		14	14.3	5.1
4PNMK4	1/4 - 19		19	18.8	5.1
6PNMK4	3/8 - 19		22	20.5	5.1
8PNMK4	1/2 - 14		27	24.0	2.9
10PNMK4	5/8 - 14		30	24.0	2.9
12PNMK4	3/4 - 14		32	26.5	2.9
16PNMK4	1 - 11		41	30.2	1.7
20PNMK4	1 1/4 - 11		50	38.7	1.5
24PNMK4	1 1/2 - 11		55	42.7	1.5
32PNMK4	2 - 11		70	48.2	1.0

Dimensions and pressures for reference only, subject to change.

### FNMK4

Cap  
60° Cone

Mates with D9 style hose fitting

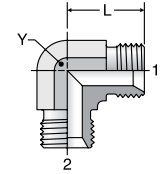


TUBE FITTING PART #	END SIZE		C HEX (mm)	L (mm)	Dynamic Pressure (x 1,000 PSI)
	1 BSPP	2 BSPP			S
					2FNMK4
4FNMK4	1/4 - 19	19	20.6	5.1	
6FNMK4	3/8 - 19	22	22.3	5.1	
8FNMK4	1/2 - 14	27	22.7	2.9	
10FNMK4	5/8 - 14	30	26.6	2.9	
12FNMK4	3/4 - 14	32	28.0	2.9	
16FNMK4	1 - 11	41	31.6	1.7	
20FNMK4	1 1/4 - 11	50	35.9	1.5	
24FNMK4	1 1/2 - 11	60	37.9	1.5	

### EMK4

Union Elbow  
60° Cone / 60° Cone

Mates with D9/92, B1, B2 and B4 style hose fitting

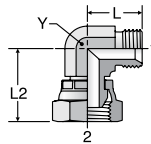


TUBE FITTING PART #	END SIZE		L (mm)	Y (mm)	Dynamic Pressure (x 1,000 PSI)
	1 BSPP	2 BSPP			S
					2EMK4
4EMK4	1/4 - 19	1/4 - 19	27.8	14	5.1
6EMK4	3/8 - 19	3/8 - 19	31.7	19	5.1
8EMK4	1/2 - 14	1/2 - 14	37.0	22	2.9
10EMK4	5/8 - 14	5/8 - 14	39.0	22	2.9
12EMK4	3/4 - 14	3/4 - 14	41.6	27	2.9
16EMK4	1 - 11	1 - 11	49.7	23	1.7
20EMK4	1 1/4 - 11	1 1/4 - 11	54.4	41	1.5
24EMK4	1 1/2 - 11	1 1/2 - 11	53.7	48	1.5

### C6MK4

Swivel Nut Elbow  
60° Cone / 60° Swivel

Mates with D9/92, B1, B2 and B4 style hose fitting

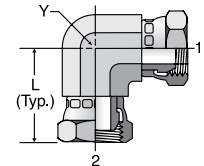


TUBE FITTING PART #	END SIZE		L (mm)	L2 (mm)	Y (mm)	Dynamic Pressure (x 1,000 PSI)
	1 BSPP	2 BSPP				S
						2C6MK4
4C6MK4	1/4 - 19	1/4 - 19	27.8	31.2	19	5.1
6C6MK4	3/8 - 19	3/8 - 19	31.7	36.2	22	5.1
8C6MK4	1/2 - 14	1/2 - 14	37.0	41.0	27	2.9
10C6MK4	5/8 - 14	5/8 - 14	39.0	41.6	27	2.9
12C6MK4	3/4 - 14	3/4 - 14	41.6	45.3	33	2.9
16C6MK4	1 - 11	1 - 11	49.7	53.9	41	1.7
20C6MK4	1 1/4 - 11	1 1/4 - 11	54.4	60.0	48	1.5
24C6MK4	1 1/2 - 11	1 1/2 - 11	53.7	63.3	48	1.5

### E6MK4

Swivel Nut Union Elbow  
60° Swivel / 60° Swivel

Mates with D9 style hose fitting



TUBE FITTING PART #	END SIZE		L (mm)	Y (mm)	Dynamic Pressure (x 1,000 PSI)
	1 BSPP	2 BSPP			S
					4E6MK4
6E6MK4	3/8 - 19	3/8 - 19	33.0	19	5.1
8E6MK4	1/2 - 14	1/2 - 14	38.8	22	2.9
10E6MK4	5/8 - 14	5/8 - 14	39.4	22	2.9
12E6MK4	3/4 - 14	3/4 - 14	42.3	27	2.9
16E6MK4	1 - 11	1 - 11	49.0	33	1.7
20E6MK4	1 1/4 - 11	1 1/4 - 11	58.2	41	1.5
24E6MK4	1 1/2 - 11	1 1/2 - 11	63.3	48	1.5

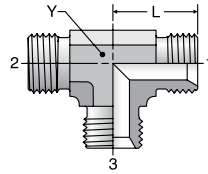
Dimensions and pressures for reference only, subject to change.



### JMK4

Union Tee  
60° Cone (all three ends)

Mates with 92, B1, B2 and B4 style hose fitting

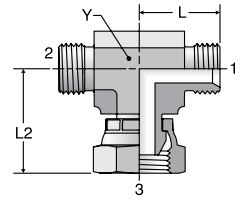


TUBE FITTING PART #	END SIZE			L (mm)	Y (mm)	Dynamic Pressure
	1	2	3			(x 1,000 PSI)
	BSPP	BSPP	BSPP			S
2JMK4	1/8 - 28	1/8 - 28	1/8 - 28	16.6	11	5.1
4JMK4	1/4 - 19	1/4 - 19	1/4 - 19	27.8	19	5.1
6JMK4	3/8 - 19	3/8 - 19	3/8 - 19	31.7	22	5.1
8JMK4	1/2 - 14	1/2 - 14	1/2 - 14	37.0	27	2.9
10JMK4	5/8 - 14	5/8 - 14	5/8 - 14	39.0	27	2.9
12JMK4	3/4 - 14	3/4 - 14	3/4 - 14	41.9	33	2.9
16JMK4	1 - 11	1 - 11	1 - 11	49.7	41	1.7
20JMK4	1 1/4 - 11	1 1/4 - 11	1 1/4 - 11	54.4	48	1.5
24JMK4	1 1/2 - 11	1 1/2 - 11	1 1/2 - 11	53.7	48	1.5

### S6MK4

Swivel Nut Branch Tee  
60° Cone / 60° Cone / 60° Swivel

Mates with D9/92, B1, B2 and B4 style hose fitting

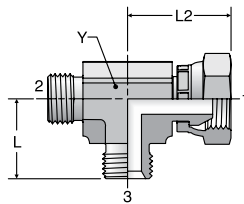


TUBE FITTING PART #	END SIZE			L (mm)	L2 (mm)	Y (mm)	Dynamic Pressure
	1	2	3				(x 1,000 PSI)
	BSPP	BSPP	BSPP				S
2S6MK4	1/8 - 28	1/8 - 28	1/8 - 28	16.6	22.0	11	5.1
4S6MK4	1/4 - 19	1/4 - 19	1/4 - 19	27.8	31.2	19	5.1
6S6MK4	3/8 - 19	3/8 - 19	3/8 - 19	31.7	36.2	27	5.1
8S6MK4	1/2 - 14	1/2 - 14	1/2 - 14	37.0	41.0	27	2.9
10S6MK4	5/8 - 14	5/8 - 14	5/8 - 14	39.0	41.6	27	2.9
12S6MK4	3/4 - 14	3/4 - 14	3/4 - 14	41.6	45.3	33	2.9
16S6MK4	1 - 11	1 - 11	1 - 11	49.7	53.9	41	1.8
20S6MK4	1 1/4 - 11	1 1/4 - 11	1 1/4 - 11	54.4	60.0	48	1.5

### R6MK4

Swivel Nut Run Tee  
60° Swivel / 60° Cone / 60° Cone

Mates with D9/92, B1, B2 and B4 style hose fitting

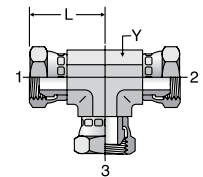


TUBE FITTING PART #	END SIZE			L (mm)	L2 (mm)	Y (mm)	Dynamic Pressure
	1	2	3				(x 1,000 PSI)
	BSPP	BSPP	BSPP				S
2R6MK4	1/8 - 28	1/8 - 28	1/8 - 28	16.6	22.0	11	5.1
4R6MK4	1/4 - 19	1/4 - 19	1/4 - 19	27.8	31.2	19	5.1
6R6MK4	3/8 - 19	3/8 - 19	3/8 - 19	31.7	36.2	27	5.1
8R6MK4	1/2 - 14	1/2 - 14	1/2 - 14	37.0	41.0	27	2.9
10R6MK4	5/8 - 14	5/8 - 14	5/8 - 14	39.0	41.6	27	2.9
12R6MK4	3/4 - 14	3/4 - 14	3/4 - 14	41.6	45.3	33	2.9
16R6MK4	1 - 11	1 - 11	1 - 11	49.7	53.9	41	1.8
20R6MK4	1 1/4 - 11	1 1/4 - 11	1 1/4 - 11	54.4	60.0	48	1.5

### J6MK4

Swivel Nut Union Tee  
60° Swivel (all three ends)

Mates with D9 style hose fitting



TUBE FITTING PART #	END SIZE			L (TYP.) (mm)	Y (mm)	Dynamic Pressure
	1	2	3			(x 1,000 PSI)
	BSPP	BSPP	BSPP			S
4J6MK4	1/4 - 19	1/4 - 19	1/4 - 19	30.5	14	5.1
6J6MK4	3/8 - 19	3/8 - 19	3/8 - 19	33.0	19	5.1
8J6MK4	1/2 - 14	1/2 - 14	1/2 - 14	38.8	22	2.9
10J6MK4	5/8 - 14	5/8 - 14	5/8 - 14	39.4	22	2.9
12J6MK4	3/4 - 14	3/4 - 14	3/4 - 14	42.3	27	2.9
16J6MK4	1 - 11	1 - 11	1 - 11	49.0	33	1.7
20J6MK4	1 1/4 - 11	1 1/4 - 11	1 1/4 - 11	58.2	41	1.5

Dimensions and pressures for reference only, subject to change.

