



## THREAD CONVERSION ADAPTERS

### Threads

The following designations are used in this catalogue to indicate thread types:

- |                                       |   |
|---------------------------------------|---|
| FB SAE O-Ring Boss (ORB) Female       | MM Metric Parallel Male                         |
| FJ Female SAE 37° (JIC)               | MPT National Pipe Thread (NPT) Male             |
| FJX Female SAE 37° (JIC) Swivel       | RF British Standard Pipe Parallel (BSPP) Female |
| FM Metric Parallel Female             | RM British Standard Pipe Parallel (BSPP) Male   |
| FPT National Pipe Thread (NPT) Female | RMT British Standard Pipe Tapered (BSPT) Male   |
| MB SAE O-Ring Boss (ORB) Male         | STP Metric Standpipe                            |
| MJ Male SAE 37° (JIC) Male            |   |

Metric Threads are designated by outside diameter (O.D.) of the thread in millimeters and the pitch of the tread in millimeters (measured from thread crest to thread crest). For example: MM10X1 indicates a thread which has an O.D. of 10mm and a thread pitch of 1.0mm.

The metric thread sizes available are shown listed with respective adapters.

### Thread Identification Table

Dash	BSPP Thread		NPT Thread		JIC Thread		SAE O-Ring Thread	
	Nominal	Thread	Nominal	Pipe	Nominal	Actual	Nominal	Actual
2	1/8-28	0.383	1/8-27	0.405	38929	5/16-24		
4	1/4-19	0.518	1/4-18	0.54	38807	7/16-20		
6	3/8-19	0.656	3/8-18	0.675	38931	9/16-18		
8	1/2-14	0.825	1/2-14	0.84	38748	3/4-16		
10	5/8-14				38933	7/8-14		
12	3/4-14	1.041	3/4-14	1.05	38809	1 1/16-12		
16	39021	1.309	1-11 1/2	1.315	1	1 5/16-12		
20	1 1/4-11	1.65	1 1/4-11 1/2	1.66	1 1/4	1 5/8-12		
24	1 1/2-11	1.882	1 1/2-11 1/2	1.9	1 1/2	1 7/8-12		
32	39022	2.347	2-11 1/2	2.375	2	2 1/8-12		

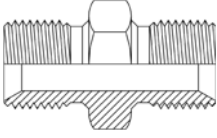
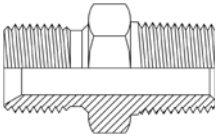
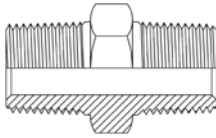
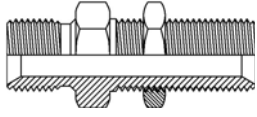
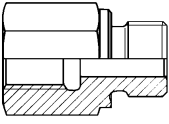
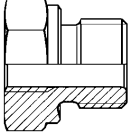
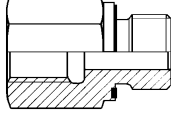
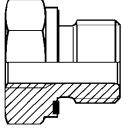
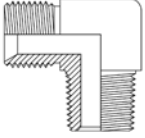
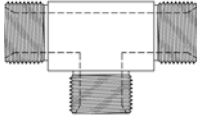
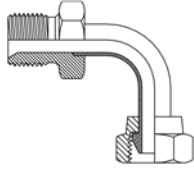
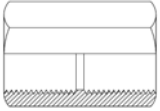
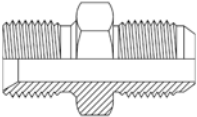
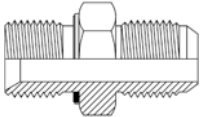
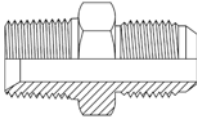
### Materials

All stocked adapters are made of 12L14 steel and plated with yellow zinc dichromate. We can produce adapters in other materials (stainless, brass, aluminum) by special order. Minimum quantity requirements apply.

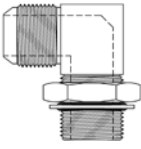
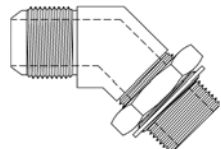
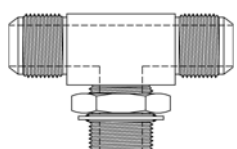
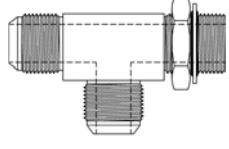
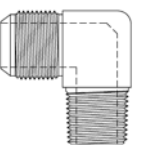
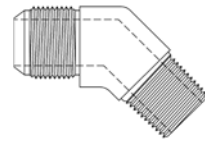
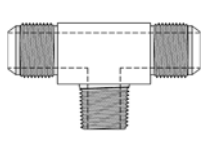
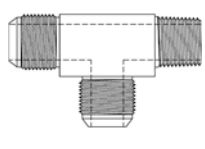
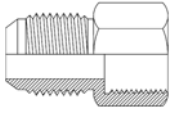
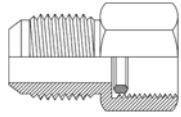
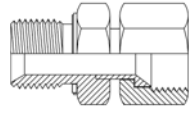
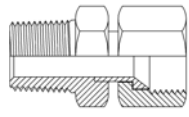
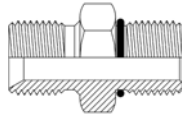
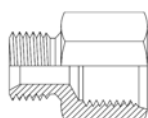
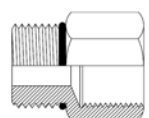
### Other Adapters

This adapter listing shows only those parts which are regularly stocked. Other adapter styles, threads or material are available upon request. We would be pleased to quote on any of your adapter requirements.

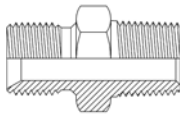
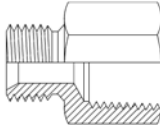
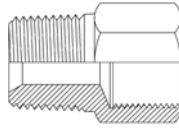
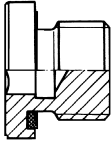
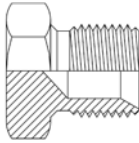
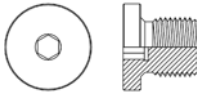

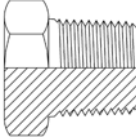
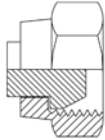


BSP ADAPTERS			
 <p><b>RM-RM</b> Male BSPP x Male BSPP Nipple Page 01</p>	 <p><b>RM-RMT</b> Male BSPP x Male BSPT Nipple Page 01</p>	 <p><b>RMT-RMT</b> Male BSPT x Male BSPT Nipple Page 02</p>	 <p><b>RM-RM-BKHD</b> BSPP x BSPP Bulkhead Page 02</p>
 <p><b>Ri</b> BSPP Male x Female Long Style Page 03</p>	 <p><b>Ri</b> BSPP Male x Female Short Style Page 03</p>	 <p><b>Ri-ed</b> BSPP Male with Seal x Female Long Style Page 03</p>	 <p><b>Ri-ed</b> BSPP Male with Seal x Female Short Style Page 03</p>
 <p><b>RM-RMT-90</b> Male BSPP x BSPT 90° Page 04</p>	 <p><b>F92</b> Male BSPP Tee Page 04</p>	 <p><b>F91</b> Male BSPP x Female BSPP Swivel Elbow 90° Page 04</p>	 <p><b>RF-RF</b> BSPP Coupling Page 04</p>
 <p><b>RM - MJ</b> Male BSPP x Male JIC Page 05</p>	 <p><b>RMed - MJ</b> Male BSPP with Seal x Male JIC Page 06</p>	 <p><b>RMT - MJ</b> Male BSPT x Male JIC Page 06</p>	

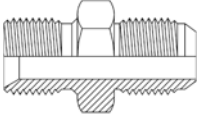
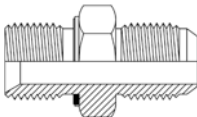
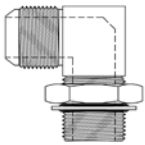
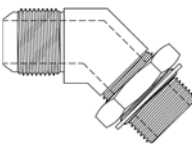
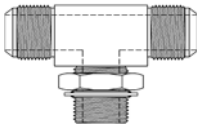
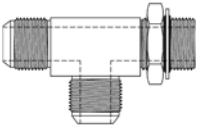
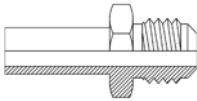
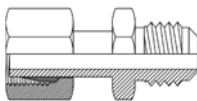
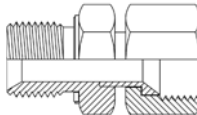
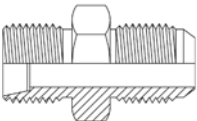
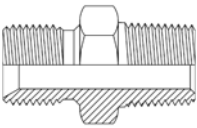
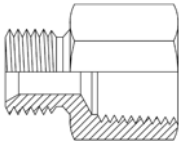
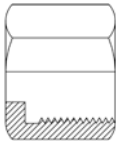



BSP ADAPTERS			
 <p>RM - MJ - 90A BSPP x JIC Adjustable 90° Elbow Page 7</p>	 <p>RM - MJ - 45A BSPP x JIC Adjustable 45° Elbow Page 7</p>	 <p>RM - MJ - BTA BSPP x JIC Adjustable Branch Tee Page 7</p>	 <p>RM - MJ - RTA BSPP x JIC Adjustable Run Tee Page 7</p>
 <p>RMT - MJ - 90 BSPT x JIC 90° Page 8</p>	 <p>RMT - MJ - 45 BSPT x JIC 45° Page 8</p>	 <p>RMT - MJ - BT BSPT x JIC Branch Tee Page 8</p>	 <p>RMT - MJ - RT BSPT x JIC Run Tee Page 8</p>
 <p>RF - MJ Female BSPP x Male JIC Page 9</p>	 <p>RFG - MJ Female BSPP Gauge Connection x Male JIC Page 9</p>	 <p>RMed - FJX BSPP with Seal x Female JIC swivel Page 9</p>	 <p>RMT - FJX Male BSPT x Female JIC Swivel Page 9</p>
 <p>RM - MB Male BSPP x Male SAE O-ring Page 10</p>	 <p>RM - FB Male BSPP x Female SAE O-ring Page 10</p>	 <p>RF - MB Female BSPP x Male SAE O-ring Page 10</p>	

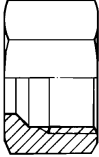
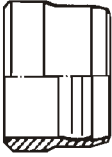
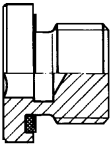
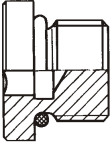

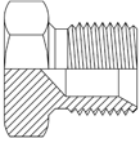
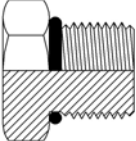


BSP ADAPTERS			
 <p>RM - MPT Male BSPP x Male NPT Page 11</p>	 <p>RM - FPT Male BSPP x Female NPT Page 11</p>	 <p>RF - MPT Female BSPP x Male NPT Page 11</p>	
 <p>VSTI BSPP Counter Sunk Plug with Seal Page 12</p>	 <p>RM - HP BSPP Hex Head Plug Page 12</p>	 <p>RM - SHP BSPP Socket Head Plug Page 12</p>	
 <p>PT BSPT Countersunk Plug Page 12</p>	 <p>RMT - HP BSPT Hex Head Plug Page 12</p>	 <p>RF - CAP BSP Cap Page 12</p>	



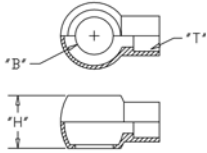
METRIC ADAPTERS			
 <p>MM - MJ Male Metric x Male JIC Page 13</p>	 <p>MM ed - MJ Male Metric with Seal x Male JIC Page 13</p>		
 <p>MM - MJ - 90A Metric x JIC Adj. 90° Elbow Page 14</p>	 <p>MM - MJ - 45A Metric x JIC Adj. 45° Elbow Page 14</p>	 <p>MM - MJ - BTA Metric x JIC Adjustable Branch Tee Page 14</p>	 <p>MM - MJ - RTA Metric x JIC Adjustable Run Tee Page 14</p>
 <p>STP - MJ Metric Standpipe x Male JIC Page 15</p>	 <p>STP - L/S - MJ Metric Standpipe x Male JIC with Nut and Ferrule Page 15</p>	 <p>RM ed - FJX Male Metric with Seal x Female JIC Swivel Page 16</p>	 <p>MM - L/S - MJ Metric Tube Compression x Male JIC Page 16</p>
 <p>MM - MPT Male Metric x Male NPT Page 17</p>	 <p>MM - FPT Male Metric x Female NPT Page 17</p>	 <p>0318 Flare Tube Nut Page 18</p>	 <p>0319 Flare Tube Sleeve Page 18</p>



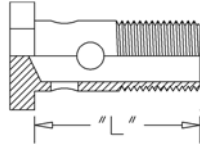
METRIC ADAPTERS			
 <p>M Metric Tube Compression Nut Page 19</p>	 <p>D-DC Metric Tube Compression Ferrule Page 19</p>		
 <p>VSTI Metric Socket Head Plug with Seal Page 20</p>	 <p>VSTO ISO 6149 Metric Socket Head with O-ring Plug Page 20</p>	 <p>MM - SHP Metric Socket Head Plug Page 20</p>	
 <p>MM - HP Metric Hex Head Plug Page 20</p>	 <p>MM - HP - ISO6149 ISO 6149 Metric Hex Head with O-ring Plug Page 20</p>		



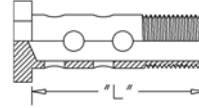
## MISCELLANEOUS ADAPTERS



F142 R/M  
BSPP / Metric Braze Banjo  
Page 21



F15 - R/M  
BSPP / Metric Banjo Bolt  
Page 21



F15D - R/M  
BSPP / Metric Double  
Banjo Bolt  
Page 21



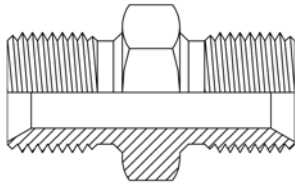
BSR / BSM  
BSPP / Metric Bonded Seal  
Page 22



CWR / CWM  
BSPP / Metric Copper  
Washer Seal  
Page 22

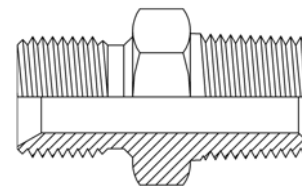


# Male BSPP & BSPT Adapters



Male BSPP x Male BSPP Nipple

Thread 1 BSPP	Thread 2 BSPP	Part Number
1/8	1/8	RM02-RM02
1/4	1/8	RM04-RM02
1/4	1/4	RM04-RM04
3/8	1/8	RM06-RM02*
3/8	1/4	RM06-RM04
3/8	3/8	RM06-RM06
1/2	1/8	RM08-RM02*
1/2	1/4	RM08-RM04
1/2	3/8	RM08-RM06
1/2	1/2	RM08-RM08
5/8	1/2	RM10-RM04*
5/8	3/8	RM10-RM06*
5/8	1/2	RM10-RM08
5/8	5/8	RM10-RM10
3/4	1/4	RM12-RM04*
3/4	3/8	RM12-RM06
3/4	1/2	RM12-RM08
3/4	5/8	RM12-RM10
3/4	3/4	RM12-RM12
1	1/2	RM16-RM08
1	5/8	RM16-RM10
1	3/4	RM16-RM12
1	1	RM16-RM16
1-1/4	3/4	RM20-RM12
1-1/4	1	RM20-RM16
1-1/4	1-1/4	RM20-RM20
1-1/2	3/4	RM24-RM12
1-1/2	1	RM24-RM16
1-1/2	1-1/4	RM24-RM20
1-1/2	1-1/2	RM24-RM24
2	1	RM32-RM16
2	1-1/4	RM32-RM20
2	1-1/2	RM32-RM24
2	2	RM32-RM32



Male BSPP x Male BSPT Nipple

BSPP Thread	BSPT Thread	Part Number
1/8	1/8	RM02-RMT02
1/4	1/8	RM04-RMT02
1/4	1/4	RM04-RMT04
3/8	1/8	RM06-RMT02
3/8	1/4	RM06-RMT04
3/8	3/8	RM06-RMT06
1/2	1/8	RM08-RMT02*
1/2	1/4	RM08-RMT04*
1/2	3/8	RM08-RMT06
1/2	1/2	RM08-RMT08
5/8	1/4	RM10-RMT04
5/8	3/8	RM10-RMT06
5/8	1/2	RM10-RMT08
5/8	5/8	RM10-RMT10
3/4	1/4	RM12-RMT04*
3/4	3/8	RM12-RMT06*
3/4	1/2	RM12-RMT08
3/4	5/8	RM12-RMT10
3/4	3/4	RM12-RMT12
1	1/2	RM16-RMT08
1	5/8	RM16-RMT10
1	3/4	RM16-RMT12
1	1	RM16-RMT16
1-1/4	3/4	RM20-RMT12
1-1/4	1	RM20-RMT16
1-1/4	1-1/4	RM20-RMT20
1-1/2	1	RM24-RMT16
1-1/2	1-1/4	RM24-RMT20
1-1/2	1-1/2	RM24-RMT24

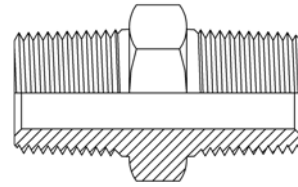
BSPP threads may be used in ports with a copper or bonded rubber seal, or with a 60° cone seat swivel female.

\* Available until stock is depleted.



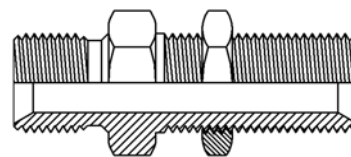


# Male BSPP & BSPT Adapters



**Male BSPT x Male BSPT Nipple**

Thread 1 BSPT	Thread 2 BSPT	Part Number
1/8	1/8	RMT02-RMT02
1/4	1/8	RMT04-RMT02
1/4	1/4	RMT04-RMT04
3/8	1/8	RMT06-RMT02
3/8	1/4	RMT06-RMT04
3/8	3/8	RMT06-RMT06
1/2	1/8	RMT08-RMT02
1/2	1/4	RMT08-RMT04
1/2	3/8	RMT08-RMT06
1/2	1/2	RMT08-RMT08
5/8	5/8	RMT10-RMT10
3/4	1/2	RMT12-RMT08
3/4	5/8	RMT12-RMT10
3/4	3/4	RMT12-RMT12
1	3/4	RMT16-RMT12
1	1	RMT16-RMT16
1-1/4	1-1/4	RMT20-RMT20
1-1/2	1-1/2	RMT24-RMT24
2	2	RMT32-RMT32

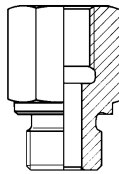


**Male BSPP x Male BSPP Bulkhead**

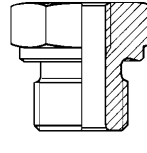
Thread 1 BSPP	Thread 2 BSPP	Part Number
1/4	1/4	RM04-RM04-BKHD
3/8	3/8	RM06-RM06-BKHD
1/2	1/2	RM08-RM08-BKHD
3/4	3/4	RM12-RM12-BKHD
1	1	RM16-RM16-BKHD



# Male BSPP x Female BSPP Adapters



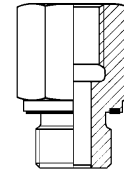
Style 1



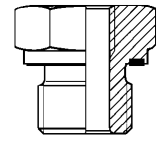
Style 2

## BSPP Male x Female

### Part Number



Style 1



Style 2

## BSPP Male x Female with Seal

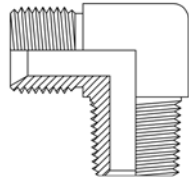
### Part Number

BSPP Male Thread	BSPP Female Thread	Body Style
------------------	--------------------	------------

1/8	1/4	1
1/8	3/8	1
1/4	1/8	1
1/4	3/8	1
1/4	1/2	1
1/4	3/4	1
3/8	1/8	2
3/8	1/4	1
3/8	1/2	1
3/8	3/4	1
1/2	1/4	2
1/2	3/8	1
1/2	3/4	1
1/2	1"	1
1/2	1 1/4	1
3/4	1/4	2
3/4	3/8	1
3/4	1/2	1
3/4	1"	1
3/4	1 1/4	1
3/4	1 1/2	1
1"	1/4	2
1"	3/8	2
1"	1/2	2
1"	3/4	1
1"	1 1/4	1
1"	1 1/2	1
1 1/4	1/2	2
1 1/4	3/4	2
1 1/4	1"	1
1 1/4	1 1/2	1
1 1/2	1/2	2
1 1/2	3/4	2
1 1/2	1"	2
1 1/2	1 1/4	1

Ri 1/8 x 1/4
Ri 1/8 x 3/8
Ri 1/4 x 1/8
Ri 1/4 x 3/8
Ri 1/4 x 1/2
Ri 1/4 x 3/4
Ri 3/8 x 1/8
Ri 3/8 x 1/4
Ri 3/8 x 1/2
Ri 3/8 x 3/4
Ri 1/2 x 1/4
Ri 1/2 x 3/8
Ri 1/2 x 3/4
Ri 1/2 x 1
Ri 1/2 x 11/4
Ri 3/4 x 1/4
Ri 3/4 x 3/8
Ri 3/4 x 1/2
Ri 3/4 x 1
Ri 3/4 x 11/4
Ri 3/4 x 11/2
Ri 1 x 1/4
Ri 1 x 3/8
Ri 1 x 1/2
Ri 1 x 3/4
Ri 1 x 11/4
Ri 1 x 11/2
Ri 1 1/4 x 1/2
Ri 1 1/4 x 3/4
Ri 11/4 x 1
Ri 11/4 x 11/2
Ri 11/2 x 1/2
Ri 11/2 x 3/4
Ri 11/2 x 1
Ri 11/2 x 11/4

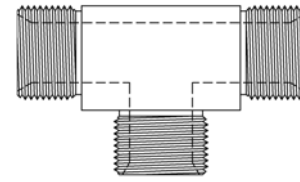
Ri 1/8ed x 1/4
Ri 1/8ed x 3/8
Ri 1/4ed x 1/8
Ri 1/4ed x 3/8
Ri 1/4ed x 1/2
Ri 1/4ed x 3/4
Ri 3/8ed x 1/8
Ri 3/8ed x 1/4
Ri 3/8ed x 1/2
Ri 3/8ed x 3/4
Ri 1/2ed x 1/4
Ri 1/2ed x 3/8
Ri 1/2ed x 3/4
Ri 1/2ed x 1
Ri 1/2ed x 11/4
Ri 3/4ed x 1/4
Ri 3/4ed x 1/2
Ri 3/4ed x 1
Ri 3/4ed x 11/4
Ri 3/4ed x 11/2
Ri3/4ed x 11/2
Ri 1ed x 1/4
Ri 1ed x 3/8
Ri 1ed x 1/2
Ri 1ed x 3/4
Ri 1ed x 11/4
Ri 1ed x 11/2
Ri 1 1/4ed x 1/2
Ri 1 1/4ed x 3/4
Ri 1 1/4ed x 1
Ri 1 1/4ed x 11/2
Ri 1 1/2ed x 1/2
Ri 1 1/2ed x 3/4
Ri 1 1/2ed x 1
Ri 1 1/2ed x 11/4



**Male BSP x Male BSPT 90° Elbow**

Thread 1 BSPP	Thread 2 BSPT	Part Number
------------------	------------------	-------------

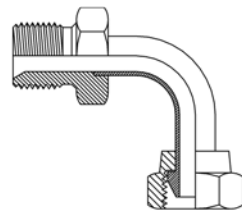
1/8	1/8	RM02-RMT02-90
1/4	1/4	RM04-RMT04-90
3/8	3/8	RM06-RMT06-90
1/2	1/2	RM08-RMT08-90
3/4	3/4	RM12-RMT12-90
1	1	RM16-RMT16-90
1-1/4	1-1/4	RM20-RMT20-90
1-1/2	1-1/2	RM24-RMT24-90



**Male BSP Tee**

Thread BSPP	Part Number
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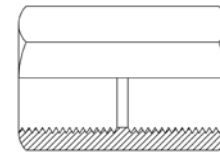
1/8	F92 1/8
1/4	F92 1/4
3/8	F92 3/8
1/2	F92 1/2
3/4	F92 3/4
1	F92 1
1-1/4	F92 1-1/4
1-1/2	F91 1-1/2



**Male BSP x Female BSPP Swivel 90° Elbow**

Thread 1 BSPP	Thread 2 BSPP	Part Number
------------------	------------------	-------------

1/8	1/8	F91 1/8
1/4	1/4	F91 1/4
3/8	3/8	F91 3/8
1/2	1/2	F91 1/2
3/4	3/4	F91 3/4
1	1	F91 1
1-1/4	1-1/4	F91 1-1/4
1-1/2	1-1/2	F91 1-1/2



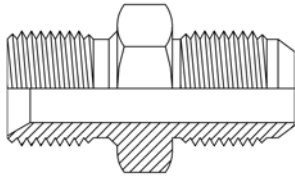
**RF-RF BSPP Coupling**

Thread 1 BSPP	Thread 2 BSPP	Part Number
------------------	------------------	-------------

1/8	1/8	RF02-RF02
1/4	1/4	RF04-RF04
3/8	3/8	RF06-RF06
1/2	1/2	RF08-RF08
3/4	3/4	RF12-RF12
1	1	RF16-RF16
1-1/4	1-1/4	RF20-RF20
1-1/2	1-1/2	RF24-RF24



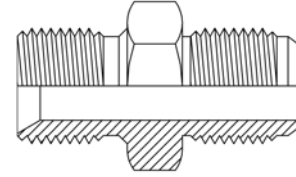
# Male BSPP x Male JIC Thread Conversion Adapters



**Male BSPP x Male JIC**

Tube Size (mm)	Tube Size (inch)	JIC Thread Size	BSPP Thread Size	Part Number
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6	1/4	7/16 - 20	1/8	RM02-MJ04
8	5/16	1/2 - 20	1/8	RM02-MJ05
10	3/8	9/16 - 18	1/8	RM02-MJ06
6	1/4	7/16 - 20	1/4	RM04-MJ04
8	5/16	1/2 - 20	1/4	RM04-MJ05
10	3/8	9/16 - 18	1/4	RM04-MJ06
12	1/2	3/4 - 16	1/4	RM04-MJ08
6	1/4	7/16 - 20	3/8	RM06-MJ04
8	5/16	1/2 - 20	3/8	RM06-MJ05
10	3/8	9/16 - 18	3/8	RM06-MJ06
12	1/2	3/4 - 16	3/8	RM06-MJ08
14,15,16	5/8	7/8 - 14	3/8	RM06-MJ10
6	1/4	7/16 - 20	1/2	RM08-MJ04
8	5/16	1/2 - 20	1/2	RM08-MJ05
10	3/8	9/16 - 18	1/2	RM08-MJ06
12	1/2	3/4 - 16	1/2	RM08-MJ08
14,15,16	5/8	7/8 - 14	1/2	RM08-MJ10
18, 20	3/4	1 1/16 - 12	1/2	RM08-MJ12
10	3/8	9/16 - 18	5/8	RM10-MJ06
12	1/2	3/4 - 16	5/8	RM10-MJ08
14,15,16	5/8	7/8 - 14	5/8	RM10-MJ10
18, 20	3/4	1 1/16 - 12	5/8	RM10-MJ12
25	1	1 5/16 - 12	5/8	RM10-MJ16



**Male BSPP x Male JIC**

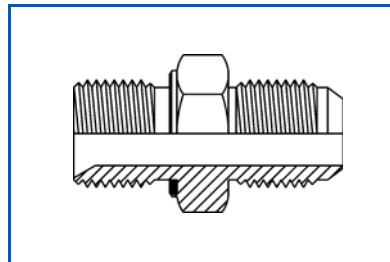
Tube Size (mm)	Tube Size (inch)	JIC Thread Size	BSPP Thread Size	Part Number
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6	1/4	7/16 - 20	3/4	RM12-MJ04
8	5/16	1/2 - 20	3/4	RM12-MJ05
10	3/8	9/16 - 18	3/4	RM12-MJ06
12	1/2	3/4 - 16	3/4	RM12-MJ08
14,15,16	5/8	7/8 - 14	3/4	RM12-MJ10
18, 20	3/4	1 1/16 - 12	3/4	RM12-MJ12
25	1	1 5/16 - 12	3/4	RM12-MJ16
30, 32	1-1/4	1 5/8 - 12	3/4	RM12-MJ20
12	1/2	3/4 - 16	1	RM16-MJ08
14,15,16	5/8	7/8 - 14	1	RM16-MJ10
18, 20	3/4	1 1/16 - 12	1	RM16-MJ12
25	1	1 5/16 - 12	1	RM16-MJ16
30, 32	1-1/4	1 5/8 - 12	1	RM16-MJ20
18, 20	3/4	1 1/16 - 12	1-1/4	RM20-MJ12
25	1	1 5/16 - 12	1-1/4	RM20-MJ16
30, 32	1-1/4	1 5/8 - 12	1-1/4	RM20-MJ20
38	1-1/2	1 7/8 - 12	1-1/4	RM20-MJ24
50	2	2 1/2 - 12	1-1/4	RM20-MJ32
25	1	1 5/16 - 12	1-1/2	RM24-MJ16
30, 32	1-1/4	1 5/8 - 12	1-1/2	RM24-MJ20
38	1-1/2	1 7/8 - 12	1-1/2	RM24-MJ24
50	2	2 1/2 - 12	1-1/2	RM24-MJ32
38	1-1/2	1 7/8 - 12	2	RM32-MJ24
50	2	2 1/2 - 12	2	RM32-MJ32

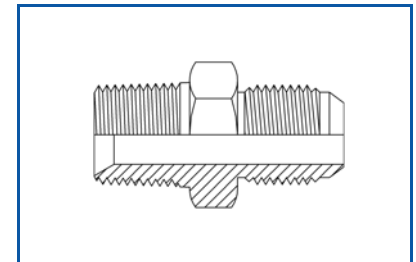
BSPP threads may be used in ports with a copper or bonded rubber seal, or with a 60° cone seat swivel female.



# Male BSP x Male JIC Thread Conversion Adapters



**Male BSPP with Seal  
x Male JIC**



**Male BSPT x Male JIC**

Tube Size (mm)	Tube Size (inch)	JIC Thread Size	BSPP Thread Size
----------------	------------------	-----------------	------------------

6	1/4	7/16-20	1/8
6	1/4	7/16-20	1/4
6	1/4	7/16-20	3/8
6	1/4	7/16-20	1/2
8	5/16	1/2-20	1/4
8	5/16	1/2-20	3/8
10	3/8	9/16-18	1/4
10	3/8	9/16-18	3/8
10	3/8	9/16-18	1/2
12	1/2	3/4-16	1/4
12	1/2	3/4-16	3/8
12	1/2	3/4-16	1/2
12	1/2	3/4-16	3/4
14, 15, 16	5/8	7/8-14	3/8
14, 15, 16	5/8	7/8-14	1/2
14, 15, 16	5/8	1 1/16 - 12	3/4
18, 20	3/4	1 1/16 - 12	3/8
18, 20	3/4	1 1/16 - 12	1/2
18, 20	3/4	1 1/16 - 12	3/4
18, 20	3/4	1 5/16 - 12	1
25	1	1 5/16 - 12	3/4
25	1	1 5/16 - 12	1
25	1	1 5/16 - 12	1 1/4
30, 32	1 1/4	1 5/8 - 12	1
30, 32	1 1/4	1 5/8 - 12	1 1/4
38	1 1/2	1 7/8 - 12	1 1/4
38	1 1/2	1 7/8 - 12	1 1/2

Part Number
-------------

RM02ed-MJ04
RM04ed-MJ04
RM06ed-MJ04
RM08ed-MJ04
RM04ed-MJ05
RM06ed-MJ05
RM04ed-MJ06
RM06ed-MJ06
RM08ed-MJ06
RM04ed-MJ08
RM06ed-MJ08
RM08ed-MJ08
RM12ed-MJ08
RM06ed-MJ10
RM08ed-MJ10
RM12ed-MJ10
RM06ed-MJ12
RM08ed-MJ12
RM12ed-MJ12
RM16ed-MJ12
RM12ed-MJ16
RM16ed-MJ16
RM20ed-MJ16
RM16ed-MJ20
RM20ed-MJ20
RM20ed-MJ24
RM24ed-MJ24

Part Number
-------------

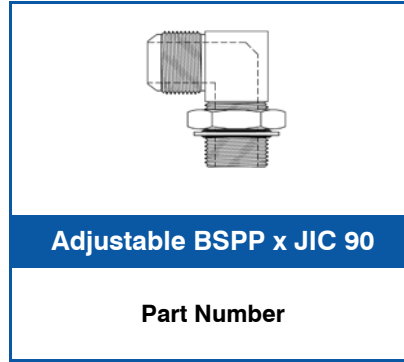
RMT02-MJ04
RMT04-MJ04
RMT04-MJ05
RMT04-MJ06
RMT06-MJ06
RMT08-MJ06
RMT04-MJ08
RMT06-MJ08
RMT08-MJ08
RMT06-MJ10
RMT08-MJ10
RMT12-MJ10
RMT08-MJ12
RMT12-MJ12
RMT16-MJ12
RMT12-MJ16
RMT16-MJ16
RMT20-MJ16
RMT16-MJ20
RMT20-MJ20
RMT24-MJ24

BSPP threads with a captive rubber seal "ed" do not require an additional port seal.

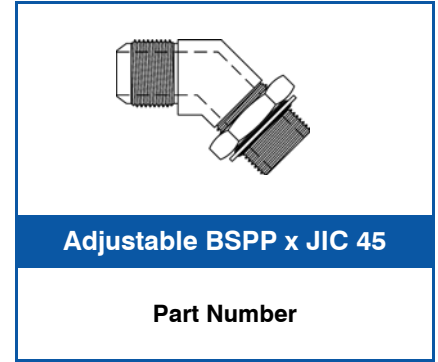


# Adjustable Male Elbows and Tees - BSPP x JIC

Tube Size (mm)	Tube Size (inch)	JIC Thread Size	BSPP Thread Size
6	1/4	7/16-20	G1/8
6	1/4	7/16-20	G1/4
8	5/16	1/2-20	G1/4
10	3/8	9/16-18	G1/4
10	3/8	9/16-18	G3/8
12	1/2	3/4-16	G3/8
12	1/2	3/4-16	G1/2
14,15,16	5/8	7/8-14	G1/2
18, 20	3/4	1 1/16 - 12	G1/2
18, 20	3/4	1 1/16 - 12	G3/4
25	1	1 5/16 - 12	G3/4
25	1	1 5/16 - 12	G1
30, 32	1-1/4	1 5/8 - 12	G1
30, 32	1-1/4	1 5/8 - 12	G1-1/4
38	1-1/2	1 7/8 - 12	G1-1/2

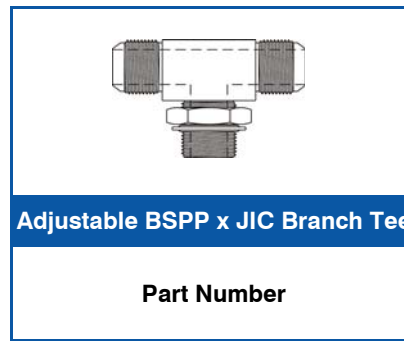


RM02-MJ04-90A
RM04-MJ04-90A
RM04-MJ05-90A
RM04-MJ06-90A
RM06-MJ06-90A
RM06-MJ08-90A
RM08-MJ08-90A
RM08-MJ10-90A
RM08-MJ12-90A
RM12-MJ12-90A
RM12-MJ16-90A
RM16-MJ16-90A
RM16-MJ20-90A
RM20-MJ20-90A
RM24-MJ24-90A

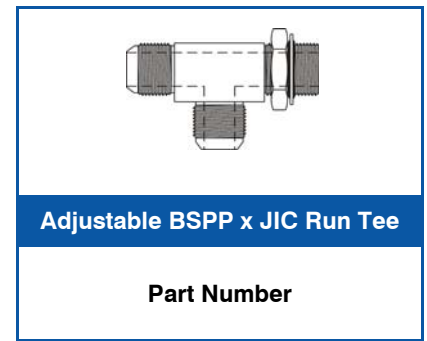


RM02-MJ04-45A
RM04-MJ04-45A
RM04-MJ05-45A
RM04-MJ06-45A
RM06-MJ06-45A
RM06-MJ08-45A
RM08-MJ08-45A
RM08-MJ10-45A
RM12-MJ12-45A
RM16-MJ16-45A
RM20-MJ20-45A
RM24-MJ24-45A

Tube Size (mm)	Tube Size (inch)	JIC Thread Size	BSPP Thread Size
6	1/4	7/16 - 20	G1/8
8	5/16	1/2 - 20	G1/4
10	3/8	9/16 - 18	G1/4
12	1/2	3/4 - 16	G3/8
14,15,16	5/8	7/8 - 14	G1/2
18, 20	3/4	1 1/16 - 12	G1/2
18, 20	3/4	1 1/16 - 12	G3/4
25	1	1 5/16 - 12	G3/4
25	1	1 5/16 - 12	G1
30, 32	1-1/4	1 5/8 - 12	G1-1/4
38	1-1/2	1 7/8 - 12	G1-1/2



RM02-MJ04-BTA
RM04-MJ04-BTA
RM04-MJ06-BTA
RM06-MJ08-BTA
RM08-MJ10-BTA
RM08-MJ12-BTA
RM12-MJ12-BTA
RM12-MJ16-BTA
RM16-MJ16-BTA
RM20-MJ20-BTA
RM24-MJ24-BTA

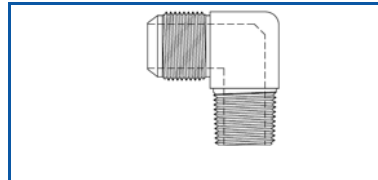


RM02-MJ04-RTA
RM04-MJ04-RTA
RM04-MJ06-RTA
RM06-MJ08-RTA
RM08-MJ10-RTA
RM08-MJ12-RTA
RM12-MJ12-RTA
RM12-MJ16-RTA
RM16-MJ16-RTA
RM20-MJ20-RTA
RM24-MJ24-RTA



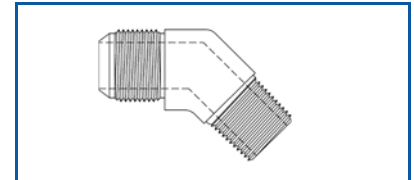
# Male Elbows and Tees - BSPT x JIC

Tube Size (mm)	Tube Size (inch)	JIC Thread Size	BSPT Thread Size
6	1/4	7/16-20	1/8
6	1/4	7/16-20	1/4
8	5/16	1/2-20	1/4
10	3/8	9/16-18	1/4
10	3/8	9/16-18	3/8
12	1/2	3/4-16	3/8
12	1/2	3/4-16	1/2
14,15,16	5/8	7/8-14	1/2
18, 20	3/4	1 1/16 - 12	1/2
18, 20	3/4	1 1/16 - 12	3/4
25	1	1 5/16 - 12	3/4
25	1	1 5/16 - 12	1
30, 32	1-1/4	1 5/8 - 12	1
30, 32	1-1/4	1 5/8 - 12	1-1/4
38	1-1/2	1 7/8 - 12	1-1/2



**BSPT x JIC 90**

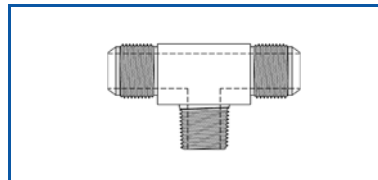
Part Number
RMT02-MJ04-90
RMT04-MJ04-90
RMT04-MJ05-90
RMT04-MJ06-90
RMT06-MJ06-90
RMT06-MJ08-90
RMT08-MJ08-90
RMT08-MJ10-90
RMT08-MJ12-90
RMT12-MJ12-90
RMT12-MJ16-90
RMT16-MJ16-90
RMT16-MJ20-90
RMT20-MJ20-90
RMT24-MJ24-90



**BSPT x JIC 45**

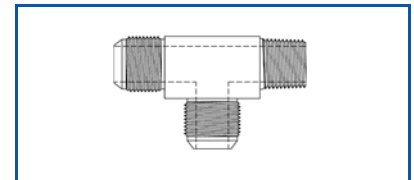
Part Number
RMT02-MJ04-45
RMT04-MJ04-45
RMT04-MJ05-45
RMT04-MJ06-45
RMT06-MJ06-45
RMT06-MJ08-45
RMT08-MJ08-45
RMT08-MJ10-45
RMT12-MJ12-45
RMT16-MJ16-45
RMT20-MJ20-45
RMT24-MJ24-45

Tube Size (mm)	Tube Size (inch)	JIC Thread Size	BSPT Thread Size
6	1/4	7/16 - 20	1/8
6	1/4	7/16 - 20	1/4
8	5/16	1/2 - 20	1/8
8	5/16	1/2 - 20	1/4
10	3/8	9/16 - 18	1/4
10	3/8	9/16 - 18	3/8
12	1/2	3/4 - 16	3/8
12	1/2	3/4 - 16	1/2
14,15,16	5/8	7/8 - 14	1/2
18, 20	3/4	1 1/16 - 12	3/4
25	1	1 5/16 - 12	1
30, 32	1-1/4	1 5/8 - 12	1-1/4
38	1-1/2	1 7/8 - 12	1-1/2



**BSPT x JIC Branch Tee**

Part Number
RMT02-MJ04-BT
RMT04-MJ04-BT
RMT02-MJ05-BT
RMT04-MJ05-BT
RMT04-MJ06-BT
RMT06-MJ06-BT
RMT06-MJ08-BT
RMT08-MJ08-BT
RMT08-MJ10-BT
RMT12-MJ12-BT
RMT16-MJ16-BT
RMT20-MJ20-BT
RMT24-MJ24-BT

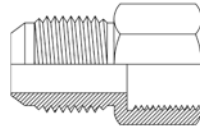


**BSPT x JIC Run Tee**

Part Number
RMT02-MJ04-RT
RMT04-MJ04-RT
RMT02-MJ05-RT
RMT04-MJ05-RT
RMT04-MJ06-RT
RMT06-MJ06-RT
RMT06-MJ08-RT
RMT08-MJ08-RT
RMT08-MJ10-RT
RMT12-MJ12-RT
RMT16-MJ16-RT
RMT20-MJ20-RT
RMT24-MJ24-RT



# Miscellaneous BSP x JIC Adapters

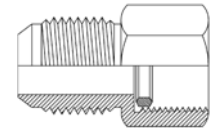


## Female BSPP x Male JIC

BSPP Thread Size	JIC Dash Size	JIC Thread Size
1/8	-4	7/16 - 20
1/4	-4	7/16 - 20
1/8	-5	1/2 - 20
1/4	-5	1/2 - 20
1/4	-6	9/16 - 18
3/8	-6	9/16 - 18
3/8	-8	3/4 - 16
1/2	-8	3/4 - 16
1/2	-10	7/8 - 14
1/2	-12	1 1/16 - 12
3/4	-12	1 1/16 - 12
1	-16	1 5/16 - 12
1-1/4	-20	1 5/8 - 12
1-1/2	-24	1 7/8 - 12

### Part Number

RF02-MJ04
RF04-MJ04
RF02-MJ05
RF04-MJ05
RF04-MJ06
RF06-MJ06
RF06-MJ08
RF08-MJ08
RF08-MJ10
RF08-MJ12
RF12-MJ12
RF16-MJ16
RF20-MJ20
RF24-MJ24

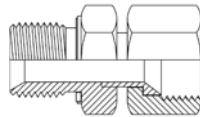


## Female BSPP Gauge Connection x Male JIC

BSPP Thread Size	JIC Dash Size	JIC Thread Size
1/4	-4	7/16 - 20
1/2	-4	7/16 - 20
1/4	-5	1/2 - 20
1/2	-5	1/2 - 20
1/4	-6	9/16 - 18
1/2	-6	9/16 - 18
1/4	-8	3/4 - 16
1/2	-8	3/4 - 16

### Part Number

RFG04-MJ04
RFG08-MJ04
RFG04-MJ05
RFG08-MJ05
RFG04-MJ06
RFG08-MJ06
RFG04-MJ08
RFG08-MJ08

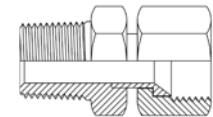


## Male BSPP with Seal x Female JIC Swivel

BSPP Thread Size	JIC Dash Size	JIC Thread Size
1/8	-4	7/16-20
1/4	-5	1/2-20
1/4	-6	9/16-18
3/8	-6	9/16-18
3/8	-8	3/4-16
1/2	-10	7/8 - 14
3/4	-12	1 1/16 - 12
1	-16	1 5/16 - 12
1-1/4	-20	1 5/8 - 12
1-1/2	-24	1 7/8 - 12

### Part Number

RM02ed-FJX04
RM04ed-FJX05
RM04ed-FJX06
RM06ed-FJX06
RM06ed-FJX08
RM08ed-FJX10
RM12ed-FJX12
RM16ed-FJX16
RM20ed-FJX20
RM24ed-FJX24



## Male BSPT x Female JIC Swivel

BSPT Thread Size	JIC Dash Size	JIC Thread Size
1/4	-4	7/16 - 20
1/4	-5	1/2 - 20
1/4	-6	9/16 - 18
1/4	-8	3/4 - 16
3/8	-8	3/4 - 16
1/2	-10	7/8 - 14
1/2	-12	1 1/16 - 12
3/4	-12	1 1/16 - 12
3/4	-16	1 5/16 - 12
1	-16	1 5/16 - 12
1-1/4	-20	1 5/8 - 12
1-1/2	-24	1 7/8 - 12

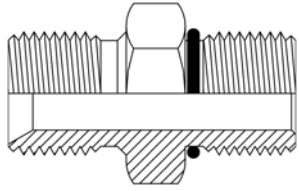
### Part Number

RMT04-FJX04
RMT04-FJX05
RMT04-FJX06
RMT04-FJX08
RMT06-FJX08
RMT08-FJX10
RMT08-FJX12
RMT12-FJX12
RMT12-FJX16
RMT16-FJX16
RMT20-FJX20
RMT24-FJX24





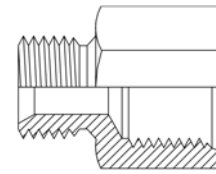
# BSPP x SAE O-RING BOSS ADAPTERS



**Male BSPP x Male SAE O-Ring**

BSPP Thread Size	SAE Dash Size	SAE Thread Size	Part Number
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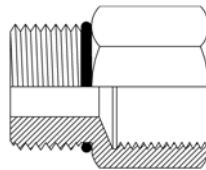
1/8	-4	7/16 - 20	RM02-MB04
1/4	-4	7/16 - 20	RM04-MB04
1/4	-6	9/16 - 18	RM04-MB06
3/8	-6	9/16 - 18	RM06-MB06
3/8	-8	3/4 - 16	RM06-MB08
1/2	-8	3/4 - 16	RM08-MB08
1/2	-10	7/8 - 14	RM08-MB10
5/8	-10	7/8 - 14	RM10-MB10
3/4	-12	1 1/16 - 12	RM12-MB12
3/4	-16	1 5/16 - 12	RM12-MB16
1	-16	1 5/16 - 12	RM16-MB16
1	-20	1 5/16 - 12	RM16-MB20
1-1/4	-20	1 5/8 - 12	RM20-MB20
1-1/2	-24	1 7/8 - 12	RM24-MB24



**Male BSPP x Female SAE O-Ring**

BSPP Thread Size	SAE Dash Size	SAE Thread Size	Part Number
------------------	---------------	-----------------	-------------

1/8	-4	7/16 - 20	RM02-FB04
1/4	-4	7/16 - 20	RM04-FB04
1/4	-6	9/16 - 18	RM04-FB06
3/8	-6	9/16 - 18	RM06-FB06
3/8	-8	3/4 - 16	RM06-FB08
1/2	-8	3/4 - 16	RM08-FB08
1/2	-10	7/8 - 14	RM08-FB10
5/8	-10	7/8 - 14	RM10-FB10
3/4	-12	1 1/16 - 12	RM12-FB12
3/4	-16	1 5/16 - 12	RM12-FB16
1	-16	1 5/16 - 12	RM16-FB16
1	-20	1 5/16 - 12	RM16-FB20
1-1/4	-20	1 5/8 - 12	RM20-FB20
1/1/2	-24	1 7/8 - 12	RM24-FB24

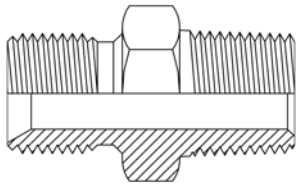


**Female BSPP x Male SAE O-Ring**

BSPP Thread Size	SAE Dash Size	SAE Thread Size	Part Number
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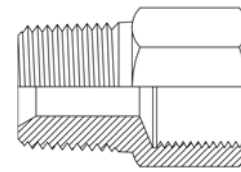
1/4	-4	7/16 - 20	RF04-MB04
3/8	-6	9/16 - 18	RF06-MB06
1/2	-8	3/4 - 16	RF08-MB08
3/4	-12	1 1/16 - 12	RF12-MB12
1	-16	1 5/16 - 12	RF16-MB16
1-1/4	-20	1 5/8 - 12	RF20-MB20
1-1/2	-24	1 7/8 - 12	RF24-MB24

Additional size combinations may be available - please enquire.



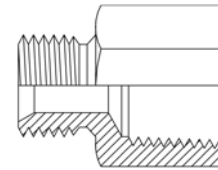
**Male BSPP x Male NPT**

BSPP Thread Size	NPT Dash Size	NPT Thread Size	Part Number
1/8	-2	1/8	RM02-MPT02
1/8	-4	1/4	RM02-MPT04
1/4	-2	1/8	RM04-MPT02
1/4	-4	1/4	RM04-MPT04
1/4	-6	3/8	RM04-MPT06
1/4	-8	1/2	RM04-MPT08
3/8	-2	1/8	RM06-MPT02
3/8	-4	1/4	RM06-MPT04
3/8	-6	3/8	RM06-MPT06
3/8	-8	1/2	RM06-MPT08
1/2	-4	1/4	RM08-MPT04
1/2	-6	3/8	RM08-MPT06
1/2	-8	1/2	RM08-MPT08
1/2	-12	3/4	RM12-MPT12
3/4	-8	1/2	RM12-MPT08
3/4	-12	3/4	RM12-MPT12
1	-16	1	RM16-MPT16
1-1/4	-20	1-1/4	RM20-MPT20
1-1/2	-24	1-1/2	RM24-MPT24
2	-32	2	RM32-MPT32



**Female BSPP x Male NPT**

BSPP Thread Size	NPT Dash Size	NPT Thread Size	Part Number
1/4	-4	1/4	RF04-MPT04
3/8	-6	3/8	RF06-MPT06
1/2	-8	1/2	RF08-MPT08
3/4	-12	3/4	RF12-MPT12
1	-16	1	RF16-MPT16
1-1/4	-20	1-1/4	RF20-MPT20
1-1/2	-24	1-1/2	RF24-MPT24



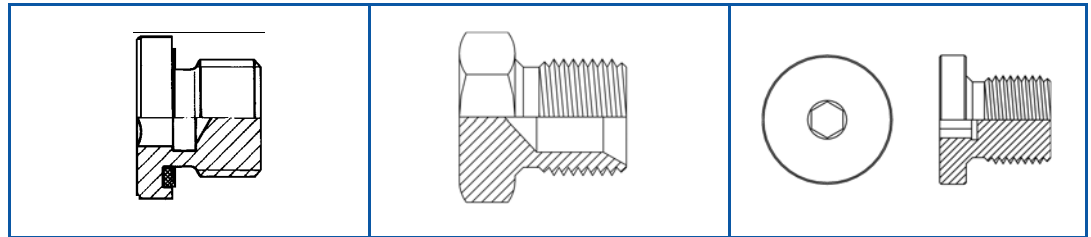
**Male BSPP x Female NPT**

BSPP Thread Size	NPT Dash Size	NPT Thread Size	Part Number
1/8	-2	1/8	RM02-FPT02
1/8	-4	1/4	RM02-FPT04
1/4	-2	1/8	RM04-FPT02
1/4	-4	1/4	RM04-FPT04
3/8	-4	1/4	RM06-FPT04
3/8	-6	3/8	RM06-FPT06
3/8	-8	1/2	RM06-FPT08
1/2	-6	3/8	RM08-FPT06
1/2	-8	1/2	RM08-FPT08
3/4	-8	1/2	RM12-FPT08
3/4	-12	3/4	RM12-FPT12
1	-16	1	RM16-FPT16
1-1/4	-20	1-1/4	RM20-FPT20
1-1/2	-24	1-1/2	RM24-FPT24
2	-32	2	RM32-FPT32

Additional size combinations may be available - please enquire.



# BSP Plugs and Caps

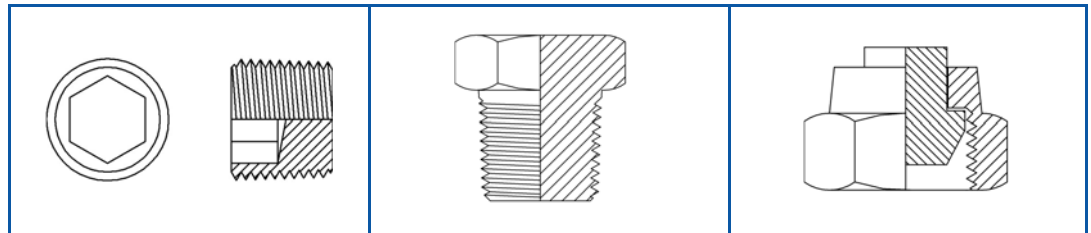


## Thread BSPP

## BSPP Countersunk Plug with Seal      BSPP Hex Head Plug      BSPP Socket Head Plug

1/8
1/4
3/8
1/2
3/4
1
1-1/4
1-1/2
2

VSTI ed R1/8	RM02 - HP	RM02 - SHP
VSTI ed R1/4	RM04 - HP	RM04 - SHP
VSTI ed R3/8	RM06 - HP	RM06 - SHP
VSTI ed R1/2	RM08 - HP	RM08 - SHP
VSTI ed R3/4	RM12 - HP	RM12 - SHP
VSTI ed R1	RM16 - HP	RM16 - SHP
VSTI ed R1 1/4	RM20 - HP	RM20 - SHP
VSTI ed R1 1/2	RM24 - HP	RM24 - SHP
	RM32 - HP	RM32 - SHP



## Thread BSP

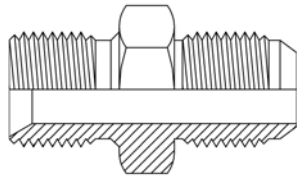
## BSPT Countersunk Plug      BSPT Hex Head Plug      BSP Cap

1/8
1/4
3/8
1/2
3/4
1
1-1/4
1-1/2
2

PT 1/8	RMT02 - HP	RF02 - CAP
PT 1/4	RMT04 - HP	RF04 - CAP
PT 3/8	RMT06 - HP	RF06 - CAP
PT 1/2	RMT08 - HP	RF08 - CAP
PT 3/4	RMT12 - HP	RF12 - CAP
PT 1	RMT16 - HP	RF16 - CAP
PT 1 1/4	RMT20 - HP	RF20 - CAP
PT 1 1/2	RMT24 - HP	RF24 - CAP
	RMT32 - HP	RF32 - CAP



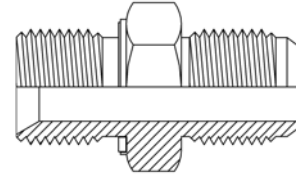
# Metric x JIC Thread Conversion Adapters



**Male Metric x Male JIC**

Tube Size (mm)	Tube Size (inch)	JIC Thread Size	Metric Thread Size	Part Number
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6	1/4	7/16 - 20	M10 x 1	MM10x1 - MJ04
10	3/8	9/16 - 18	M 10 x1	MM10x1 - MJ06
6	1/4	7/16 - 20	M12 x 1.5	MM12x1.5 - MJ04
10	3/8	9/16 - 18	M12 x 1.5	MM12x1.5 - MJ06
12	1/2	3/4 - 16	M12 x 1.5	MM12x1.5 - MJ08
6	1/4	7/16 - 20	M14 x 1.5	MM14x1.5 - MJ04
10	3/8	9/16 - 18	M14 x 1.5	MM14x1.5 - MJ06
6	1/4	7/16 - 20	M16 x 1.5	MM16x1.5 - MJ04
10	3/8	9/16 - 18	M16 x 1.5	MM16x1.5 - MJ06
12	1/2	3/4 - 16	M16 x 1.5	MM16x1.5 - MJ08
6	1/4	7/16 - 20	M18 x 1.5	MM18x1.5 - MJ04
10	3/8	9/16 - 18	M18 x 1.5	MM18x1.5 - MJ06
12	1/2	3/4 - 16	M18 x 1.5	MM18x1.5 - MJ08
14, 15, 16	5/8	1/2 - 20	M18 x 1.5	MM18x1.5 - MJ10
10	3/8	9/16 - 18	M20 x 1.5	MM20x1.5 - MJ06
12	1/2	3/4 - 16	M20 x 1.5	MM20x1.5 - MJ08
14, 15, 16	5/8	7/8 - 14	M20 X 1.5	MM20x1.5 - MJ10
18, 20	3/4	1 1/16 - 12	M20 x 1.5	MM20x1.5 - MJ12
10	3/8	9/16 - 18	M22 x 1.5	MM22x1.5 - MJ06
12	1/2	3/4 - 16	M22 x 1.5	MM22x1.5 - MJ08
14, 15, 16	5/8	7/8 - 14	M22 x 1.5	MM22x1.5 - MJ10
18, 20	3/4	1 1/16 - 12	M22 x 1.5	MM22x1.5 - MJ12
18, 20	3/4	1 1/16 - 12	M26 x 1.5	MM26x1.5 - MJ12
25	1	1 5/16 - 12	M26 x 1.5	MM26x1.5 - MJ16
18, 20	3/4	1 1/16 - 12	M27 x 2	MM27x2 - MJ12
25	1	1 5/16 - 12	M27 x 2	MM27x2 - MJ16
18, 20	3/4	1 1/16 - 12	M33 x 2	MM33x2 - MJ12
25	1	1 5/16 - 12	M33 x 2	MM33x2 - MJ16
30	1-1/4	15/8 - 12	M33 x 2	MM33x2 - MJ20
30	1-1/4	15/8 - 12	M42 x 2	MM42x2 - MJ20
38	1-1/2	17/8 - 12	M48 x 2	MM48x2 - MJ24



**Male Metric with Seal x Male JIC**

Tube Size (mm)	Tube Size (inch)	JIC Thread Size	Metric Thread Size	Part Number
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6	1/4	7/16 - 20	M10 x 1	MM10x1ed - MJ04
6	1/4	7/16 - 20	M12 x 1.5	MM12x1.5ed - MJ04
8	5/16	1/2 - 20	M12 x 1.5	MM12x1.5 ed- MJ05
8	5/16	1/2 - 20	M 14 x1.5	MM14x1.5 ed- MJ05
8	5/16	1/2 - 20	M16 x 1.5	MM16x1.5 ed- MJ08
10	3/8	9/16 - 18	M14 x 1.5	MM14x1.5ed - MJ06
10	3/8	9/16 - 18	M16 x 1.5	MM16x1.5ed - MJ06
10	3/8	9/16 - 18	M18 x 1.5	MM18x1.5ed - MJ06
12	1/2	3/4 - 16	M16 x 1.5	MM16x1.5ed - MJ08
12	1/2	3/4 - 16	M18 x 1.5	MM18x1.5ed - MJ08
14, 15, 16	5/8	7/8 - 14	M16 x 1.5	MM16x1.5ed - MJ10
14, 15, 16	5/8	7/8 - 14	M18 x 1.5	MM18x1.5ed - MJ10
14, 15, 16	5/8	7/8 - 14	M22 x 1.5	MM22x1.5ed - MJ10
18, 20	3/4	1 1/16 - 12	M22 x 1.5	MM22x1.5ed - MJ12
18, 20	3/4	1 1/16 - 12	M27 x 2	MM27x2 ed- MJ12
25	1	1 5/16 - 12	M27 x 2	MM27x2ed - MJ16
25	1	1 5/16 - 12	M33 X 2	MM33x2ed - MJ16
30	1-1/4	1 5/8 - 12	M42 x 2	MM42x2ed - MJ20
38	1-1/2	1 7/8 - 12	M48 x 2	MM48x2ed - MJ24

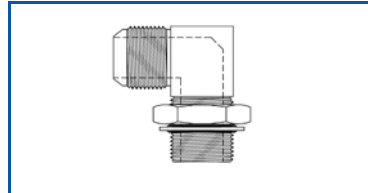
Metric threads may be used in ports with a copper or bonded rubber seal, or with a 60° cone seat swivel female.



# Adjustable Male Elbows and Tees - Metric x JIC

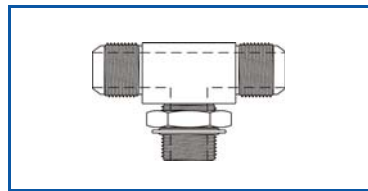
Tube Size (mm)	Tube Size (inch)	JIC Thread Size	Metric Thread Size
6	1/4	7/16-20	M10 x 1
6	1/4	7/16-20	M12 x 1.5
8	5/16	1/2-20	M10 x 1
8	5/16	1/2-20	M12 x 1.5
8	5/16	1/2 - 20	M14 x 1.5
10	3/8	9/16-18	M14 x 1.5
10	3/8	9/16 - 18	M16 x 1.5
10	3/8	9/16-18	M18 x 1.5
12	1/2	3/4-16	M16 x 1.5
12	1/2	3/4-16	M18 x 1.5
14, 15, 16	5/8	7/8-14	M18 x 1.5
14, 15, 16	5/8	7/8-14	M22 x 1.5
18, 20	3/4	1 1/16 - 12	M22 x 1.5
18, 20	3/4	1 1/16 - 12	M27 x 2
25	1	1 5/16 - 12	M33 x 2
30	1-1/4	1 5/8 - 12	M42 x 2
38	1-1/2	1 7/8 - 12	M48 x 2

Tube Size (mm)	Tube Size (inch)	JIC Thread Size	Metric Thread Size
6	1/4	7/16-20	M12 x 1.5
8	5/16	1/2-20	M14 x 1.5
10	3/8	9/16-18	M16 x 1.5
12	1/2	3/4-16	M18 x 1.5
14, 15, 16	5/8	7/8-14	M22 x 1.5
18, 20	3/4	1 1/16 - 12	M22 x 1.5
18, 20	3/4	1 1/16 - 12	M27 x 2
25	1	1 5/16 - 12	M33 x 2
30, 32	1-1/4	1 5/8 - 12	M42 x 2
38	1-1/2	1 7/8 - 12	M48 x 2



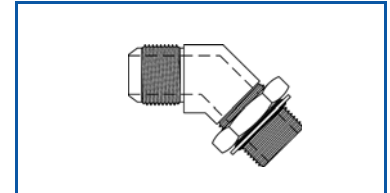
**Adjustable Metric x JIC 90**

Part Number
MM12x1.5-MJ04-90A
MM14x1.5-MJ05-90A
MM16x1.5-MJ06-90A
MM18x1.5-MJ08-90A
MM22x1.5-MJ10-90A
MM22x1.5-MJ12-90A
MM27x2-MJ12-90A
MM33x2-MJ16-90A
MM42x2-MJ20-90A
MM48x2-MJ24-90A



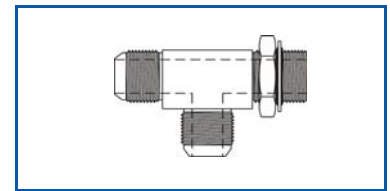
**Adjustable Metric x JIC Branch Tee**

Part Number
MM12x1.5-MJ04-BTA
MM14x1.5-MJ05-BTA
MM16x1.5-MJ06-BTA
MM18x1.5-MJ08-BTA
MM22x2.5-MJ10-BTA
MM22x1.5-MJ12-BTA
MM27x2-MJ12-BTA
MM33x2-MJ16-BTA
MM42x2-MJ20-BTA
MM48x2-MJ24-BTA



**Adjustable Metric x JIC 45**

Part Number
MM10x1-MJ04-45A
MM12x1.5-MJ04-45A
MM10x1-MJ05-45A
MM12x1.5-MJ05-45A
MM14x1.5-MJ06-45A
MM18x1.5-MJ06-45A
MM16x1.5-MJ08-45A
MM18x1.5-MJ08-45A
MM18x1.5-MJ10-45A
MM18x1.5-MJ10-45A
MM22x1.5-MJ12-45A
MM27x2-MJ12-45A
MM33x2-MJ16-45A
MM42x2-MJ20-45A
MM48x2-MJ24-45A

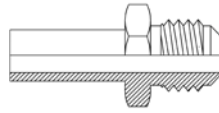


**Adjustable Metric x JIC Run Tee**

Part Number
MM12x1.5-MJ04-RTA
MM14x1.5-MJ05-RTA
MM16x1.5-MJ06-RTA
MM18x1.5-MJ08-RTA
MM22x2.5-MJ10-RTA
MM22x1.5-MJ12-RTA
MM27x2-MJ12-RTA
MM33x2-MJ16-RTA
MM42x2-MJ20-RTA
MM48x2-MJ24-RTA



# Miscellaneous Metric x JIC Adapters

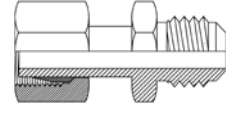


**Metric Standpipe x  
Male JIC**

Metric Standpipe (mm) Size	JIC Dash Size	JIC Thread Size
4	-4	7/16-20
6	-4	7/16-20
8	-4	7/16-20
8	-6	9/16-18
10	-4	7/16-20
10	-6	9/16-18
10	-8	3/4-16
12	-6	9/16-18
12	-8	3/4-16
14	-6	9/16-18
14	-8	3/4-16
15	-8	3/4-16
15	-10	7/8 - 14
15	-12	1 1/16 - 12
16	-8	3/4-16
16	-10	7/8 - 14
16	-12	1 1/16 - 12
18	-10	7/8 - 14
18	-12	1 1/16 - 12
20	-12	1 1/16 - 12
20	-16	1 5/16 - 12
22	-12	1 1/16 - 12
25	-12	1 1/16 - 12
25	-16	1 5/16 - 12
28	-12	1 1/16 - 12
28	-16	1 5/16 - 12
30	-16	1 5/16 - 12
30	-20	1 5/8 - 12
35	-20	1 5/8 - 12
38	-20	1 5/8 - 12
38	-24	1 7/8 - 12
38	-32	2 1/2 - 12
42	-24	1 7/8 - 12
42	-32	2 1/2 - 12

**Part Number**

STP04-MJ04
STP06-MJ04
STP08-MJ04
STP08-MJ06
STP10-MJ04
STP10-MJ06
STP10-MJ08
STP12-MJ06
STP12-MJ08
STP14-MJ06
STP14-MJ08
STP15-MJ08
STP15-MJ10
STP15-MJ12
STP16-MJ08
STP16-MJ10
STP16-MJ10
STP18-MJ10
STP18-MJ12
STP20-MJ12
STP20-MJ16
STP22-MJ12
STP25-MJ12
STP25-MJ16
STP28-MJ12
STP28-MJ16
STP30-MJ16
STP30-MJ20
STP35-MJ20
STP38-MJ20
STP38-MJ24
STP38-MJ32
STP42-MJ24
STP42-MJ32



**Metric Standpipe  
x Male JIC with Nut  
and Ferrule**

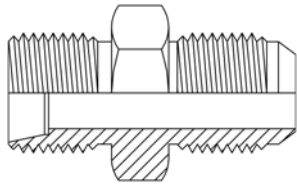
Metric Tube Size	JIC Dash Size	JIC Thread Size
4-LL	-4	7/16-20
6-L	-4	7/16-20
6-S	-4	7/16-20
8-L	-4	7/16-20
8-L	-6	9/16-18
8-S	-4	7/16-20
8-S	-6	9/16-18
10-L	-4	7/16-20
10-L	-6	9/16-18
10-L	-8	3/4-16
10-S	-4	7/16-20
10-S	-6	9/16-18
10-S	-8	3/4-16
12-L	-6	9/16-18
12-L	-8	3/4-16
12-S	-6	9/16-18
12-S	-8	3/4-16
14-S	-6	9/16-18
14-S	-8	3/4-16
15-L	-8	3/4-16
15-L	-10	7/8 - 14
15-L	-12	1 1/16 - 12
16-S	-8	3/4-16
16-S	-10	7/8 - 14
16-S	-12	1 1/16 - 12
18-L	-10	7/8 - 14
18-L	-12	1 1/16 - 12
20-S	-12	1 1/16 - 12
20-S	-16	1 5/16 - 12
22-L	-12	1 1/16 - 12
25-S	-12	1 1/16 - 12
25-S	-16	1 5/16 - 12
28-L	-12	1 1/16 - 12
28-L	-16	1 5/16 - 12
30-S	-16	1 5/16 - 12
30-S	-20	1 5/8 - 12
35-L	-20	1 5/8 - 12
38-S	-20	1 5/8 - 12
38-S	-24	1 7/8 - 12
38-S	-32	2 1/2 - 12
42-L	-24	1 7/8 - 12
42-L	-32	2 1/2 - 12

**Part Number**

STPLL04-MJ04
STPL06-MJ04
STPS06-MJ04
STPL08-MJ04
STPL08-MJ06
STPS08-MJ04
STPS08-MJ06
STPL10-MJ04
STPL10-MJ06
STPL10-MJ08
STPS10-MJ04
STPS10-MJ06
STPS10-MJ08
STPL12-MJ06
STPL12-MJ08
STPS12-MJ06
STPS12-MJ08
STPS14-MJ06
STPS14-MJ08
STPL15-MJ08
STPL15-MJ10
STPL15-MJ12
STPS16-MJ08
STPS16-MJ10
STPS16-MJ10
STPL18-MJ10
STPL18-MJ12
STPS20-MJ12
STPS20-MJ16
STPL22-MJ12
STPS25-MJ12
STPS25-MJ16
STPL28-MJ12
STPL28-MJ16
STPS30-MJ16
STPS30-MJ20
STPL35-MJ20
STPS38-MJ20
STPS38-MJ24
STPS38-MJ32
STPL42-MJ24
STPL42-MJ32

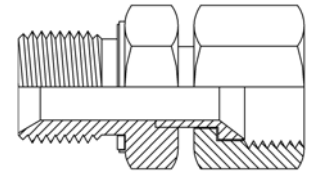


# Miscellaneous Metric x JIC Adapters



**Metric Tube Compression x Male JIC**

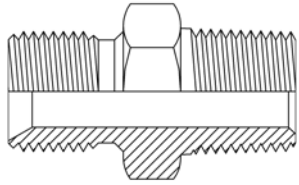
Tube Size	Metric Thread Size	JIC Dash Size	JIC Thread Size	Part Number
6-L	12 x 1.5	-4	7/16 - 20	MM12-L06-MJ04
6-S	14 x 1.5	-4	7/16 - 20	MM14-S06-MJ04
8-L	14 x 1.5	-4	7/16 - 20	MM14-L08-MJ04
8-S	16 x 1.5	-4	7/16 - 20	MM16-S08-MJ04
8-S	16 x 1.5	-6	9/16 - 18	MM16-S08-MJ06
10-L	16 x 1.5	-6	9/16 - 18	MM16-L10-MJ06
10-L	16 x 1.5	-8	3/4 - 16	MM16-S10-MJ08
10-S	18 x 1.5	-6	9/16 - 18	MM18-S10-MJ06
12-L	18 x 1.5	-6	9/16 - 18	MM18-L12-MJ06
12-L	18 x 1.5	-8	3/4 - 16	MM18-L12-MJ08
12-S	20 x 1.5	-6	9/16 - 18	MM20-S12-MJ06
12-S	20 x 1.5	-8	3/4 - 16	MM20-S12-MJ08
14-S	22 x 1.5	-8	3/4 - 16	MM22-S14-MJ08
14-S	22 x 1.5	-10	7/8 - 14	MM22-S14-MJ10
15-L	22 x 1.5	-8	3/4 - 16	MM22-L15-MJ08
15-L	22 x 1.5	-10	7/8 - 14	MM22-L15-MJ10
16-S	24 x 1.5	-8	3/4 - 16	MM24-S16-MJ08
16-S	24 x 1.5	-10	7/8 - 14	MM24-S16-MJ10
18-L	26 x 1.5	-8	3/4 - 16	MM26-L18-MJ08
18-L	26 x 1.5	-10	7/8 - 14	MM26-L18-MJ10
20-S	30 x 2	-10	7/8 - 14	MM30-S20-MJ10
20-S	30 x 2	-12	1 1/16 - 12	MM30-S20-MJ12
22-L	30 x 2	-10	7/8 - 14	MM30-L22-MJ10
22-L	30x 2	-12	1 1/16 - 12	MM30-L22-MJ12
25-S	36 x 2	-12	1 1/16 - 12	MM36-S25-MJ12
25-S	36 x 2	-16	1 5/16 - 12	MM36-S25-MJ16
28-L	36 x 2	-16	1 5/16 - 12	MM36-L28-MJ16
30-S	42 x 2	-20	1 5/8 - 12	MM42-S30-MJ20
35-L	45 x 2	-20	1 5/8 - 12	MM45-L35-MJ20
38-S	52 x 2	-20	1 5/8 - 12	MM52-S38-MJ20
38-S	52 x 2	-24	1 7/8 - 12	MM52-S38-MJ24
42-L	52 x 2	-24	1 7/8 - 12	MM52-L42-MJ24



**Male Metric with Seal x Female JIC Swivel**

Metric Thread Size	JIC Dash Size	JIC Thread Size	Part Number
1/8	-4	7/16-20	RM02ed-FJX04
1/4	-5	1/2-20	RM04ed-FJX05
1/4	-6	9/16-18	RM04ed-FJX06
3/8	-6	9/16-18	RM06ed-FJX06
3/8	-8	3/4-16	RM06ed-FJX08
1/2	-10	7/8 - 14	RM08ed-FJX10
3/4	-12	1 1/16 - 12	RM12ed-FJX12
1	-16	1 5/16 - 12	RM16ed-FJX16
1-1/4	-20	1 5/8 - 12	RM20ed-FJX20
1-1/2	-24	1 7/8 - 12	RM24ed-FJX24

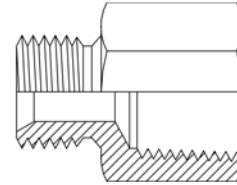
Connect these adapters to metric tube or a metric standpipe using a tube nut and ferrule (see following pages) or to a swivel hose fitting with a DKO style connection.



**Male Metric x Male NPT**

Metric Thread Size	NPT Dash Size	NPT Thread Size	Part Number
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6 x 1	-2	1/8	MM06x1 - MPT02
8 x 1	-2	1/8	MM08x1 - MPT02
10 x 1	-2	1/8	MM10x1 - MPT02
12 x 1.5	-4	1/4	MM12x1.5 - MPT04
14 x 1.5	-4	1/4	MM14x1.5 - MPT04
16 x 1.5	-6	3/8	MM16x1.5 - MPT06
16 x 1.5	-8	1/2	MM16x1.5 - MPT08
18 x 1.5	-6	3/8	MM18x1.5 - MPT06
18 x 1.5	-8	1/2	MM18x1.5 - MPT08
20 x 1.5	-6	3/8	MM20x1.5 - MPT06
20 x 1.5	-8	1/2	MM20x1.5 - MPT08
22 x 1.5	-6	3/8	MM22x1.5 - MPT06
22 x 1.5	-8	1/2	MM22x1.5 - MPT08
24 x 1.5	-12	3/4	MM24x1.5 - MPT12
26 x 1.5	-12	3/4	MM26x1.5 - MPT12
27 x 2	-12	3/4	MM27x2 - MPT12
33 x 2	-16	1	MM33x2 - MPT16
42 x 2	-20	1-1/4	MM42x2 - MPT20
48 x 2	-24	1-1/2	MM48x2 - MPT24



**Male Metric x Female NPT**

Metric Thread Size	NPT Dash Size	NPT Thread Size	Part Number
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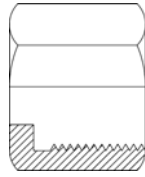
6 x 1	-2	1/8	MM06x1 - FPT02
8 x 1	-2	1/8	MM08x1 - FPT02
10 x 1	-2	1/8	MM10x1 - FPT02
12 x 1.5	-4	1/4	MM12x1.5 - FPT04
14 x 1.5	-4	1/4	MM14x1.5 - FPT04
16 x 1.5	-6	3/8	MM16x1.5 - FPT06
18 x 1.5	-6	3/8	MM18x1.5 - FPT06
20 x 1.5	-8	1/2	MM20x1.5 - FPT08
22 x 1.5	-6	3/8	MM22x1.5 - FPT06
22 x 1.5	-8	1/2	MM22x1.5 - FPT08
24 x 1.5	-8	1/2	MM24x1.5 - FPT08
26 x 1.5	-12	3/4	MM26x1.5 - FPT12
27 x 2	-12	3/4	MM27x2 - FPT12
33 x 2	-16	1	MM33x2 - FPT16
42 x 2	-20	1-1/4	MM42x2 - FPT20
48 x 2	-24	1-1/2	MM48x2 - FPT24

Additional size combinations may be available - please enquire.



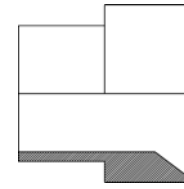


# Connection Components for Flare Couplings



**Flare Tube Nut**

Tube Size (mm)	Tube Size (inch)	JIC Thread Size	Part Number
6		7/16 - 20	0318-6MM
8		1/2 - 20	0318-8MM
10		9/16 - 18	0318-10MM
12		3/4 - 16	0318-12MM
14, 15, 16		7/8 - 14	0318-16MM
18, 20		1 1/16 -12	0318-20MM
25		1 5/16 -12	0318-25MM
30, 32		1 5/8 -12	0318-32MM
38		1 7/8 -12	0318-38MM
	1/4	7/16 - 20	0318-04
	5/16	1/2 - 20	0318-05
	3/8	9/16 - 18	0318-06
	1/2	3/4 - 16	0318-08
	5/8	7/8 - 14	0318-10
	3/4	1 1/16 -12	0318-12
	1	1 5/16 -12	0318-16
	1-1/4	1 5/8 -12	0318-20
	1-1/2	1 7/8 -12	0318-24



**Flare Sleeve**

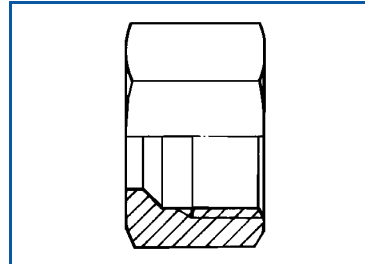
Tube Size (mm)	Tube Size (inch)	Part Number
6		0319-6MM
8		0319-8MM
10		0319-10MM
12		0319-12MM
14		0319-14MM
15		0319-15MM
16		0319-16MM
18		0319-18MM
20		0319-20MM
25		0319-25MM
30		0319-30MM
38		0319-38MM
	1/4	0319-04
	5/16	0319-05
	3/8	0319-06
	1/2	0319-08
	5/8	0319-10
	3/4	0319-12
	1	0319-16
	1-1/4	0319-20
	1-1/2	0319-24



# Metric Tube Nuts And Ferrules

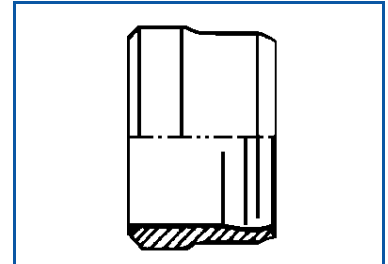
Series	Tube Size (mm)	Working Pressure (bar)	Tube Nut Thread	Wrench Size (mm)
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LL	4	100	M8 x 1	10
LL	5	100	M10 x 1	12
LL	6	100	M10 x 1	12
LL	8	100	M12 x 1	14
LL	10	100	M14 x 1	17
LL	12	100	M16 x 1	19
L	6	400	M12 x 1.5	14
L	8	400	M14 x 1.5	17
L	10	400	M16 x 1.5	19
L	12	400	M18 x 1.5	22
L	15	400	M22 x 1.5	27
L	18	315	M26 x 1.5	32
L	22	315	M30 x 2	36
L	28	250	M36 x 2	41
L	35	250	M45 x 2	50
L	42	250	M52 x 2	60
S	6	630	M14 x 1.5	17
S	8	630	M16 x 1.5	19
S	10	630	M18 x 1.5	22
S	12	630	M20 x 1.5	24
S	14	630	M22 x 1.5	27
S	16	400	M24 x 1.5	30
S	20	400	M30 x 2	36
S	25	400	M36 x 2	46
S	30	400	M42 x 2	50
S	38	315	M52 x 2	60



Tube Nut

Part Number



Ferrule

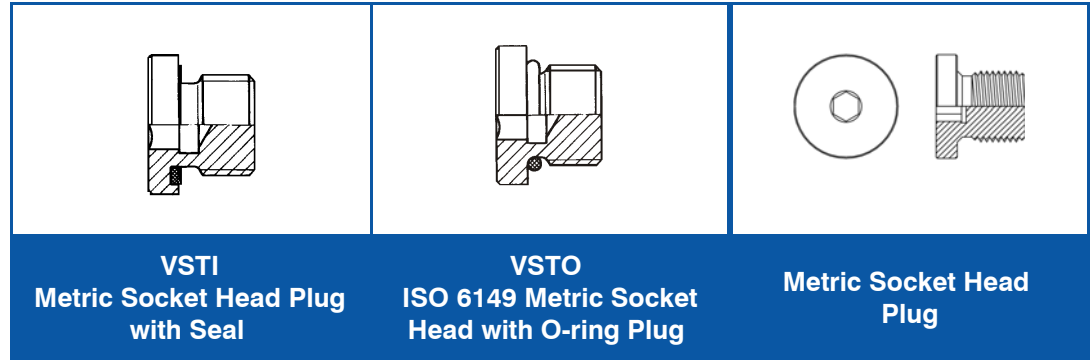
Part Number

M-LL-04
M-LL-05
M-LL-06
M-LL-08
M-LL-10
M-LL-12
M-L-06
M-L-08
M-L-10
M-L-12
M-L-15
M-L-18
M-L-22
M-L-28
M-L-35
M-L-42
M-S-06
M-S-08
M-S-10
M-S-12
M-S-14
M-S-16
M-S-20
M-S-25
M-S-30
M-S-38

D-LL-04
D-LL-05
D-LL-06
D-LL-08
D-LL-10
D-LL-12
DC-L/S-06
DC-L/S-08
DC-L/S-10
DC-L/S-12
DC-L-15
DC-L-18
DC-L-22
DC-L-28
DC-L-35
DC-L-42
DC-L/S-06
DC-L/S-08
DC-L/S-10
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DC-S-14
DC-S-16
DC-S-20
DC-S-25
DC-S-30
DC-S-38



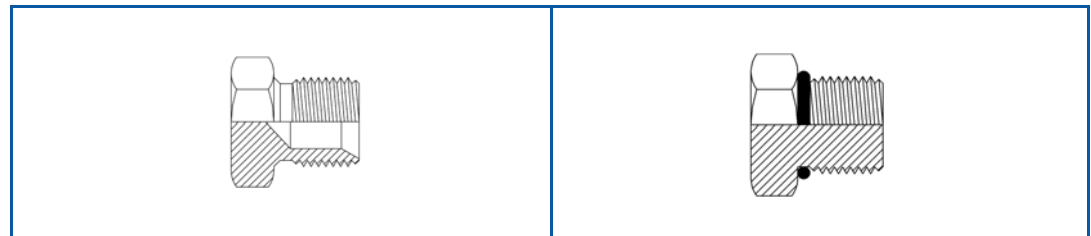
# Metric Plugs and Caps



**Thread Metric**

8 x 1
10 x 1
12 x 1.5
14 x 1.5
16 x 1.5
18 x 1.5
20 x 1.5
22 x 1.5
26 x 1.5
27 x 2
30 x 2
33 x 2
42 x 2
48 x 2

VSTI Metric Socket Head Plug with Seal	VSTO ISO 6149 Metric Socket Head with O-ring Plug	Metric Socket Head Plug
VSTI ed M08		MM08X1 - SHP
VSTI ed M10	VSTO-M10	MM10X1 - SHP
VSTI ed M12	VSTO-M12	MM12X1.5 - SHP
VSTI ed M14	VSTO-M14	MM14X1.5 - SHP
VSTI ed M16	VSTO-M16	MM16X1.5 - SHP
VSTI ed M18	VSTO-M18	MM18X1.5 - SHP
VSTI ed M20	VSTO-M20	MM20X1.5 - SHP
VSTI ed M22	VSTO-M22	MM22X1.5 - SHP
VSTI ed M26		MM26X1.5 - SHP
VSTI ed M27	VSTO-M27	MM27X2 - SHP
		MM30X2 - SHP
VSTI ed M33	VSTO-M33	MM33X2 - SHP
VSTI ed M42	VSTO-M42	MM42X2 - SHP
VSTI ed M48	VSTO-M48	MM48X2 - SHP



**Thread Metric**

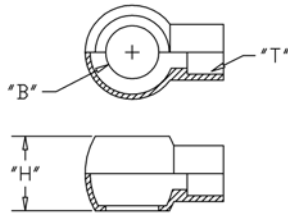
8 x 1
10 x 1
12 x 1.5
14 x 1.5
16 x 1.5
18 x 1.5
20 x 1.5
22 x 1.5
26 x 1.5
27 x 2
30 x 2
33 x 2
42 x 2
48 x 2

**Metric Hex Head Plug**                      **ISO 6149 Metric Hex Head  
with O-ring Plug**

MM08X1 - HP	MM08X1 - HP - ISO6149
MM10X1 - HP	MM10X1 - HP - ISO6149
MM12X1.5 - HP	MM12X1.5 - HP - ISO6149
MM14X1.5 - HP	MM14X1.5 - HP - ISO6149
MM16X1.5 - HP	MM16X1.5 - HP - ISO6149
MM18X1.5 - HP	MM18X1.5 - HP - ISO6149
MM20X1.5 - HP	MM20X1.5 - HP - ISO6149
MM22X1.5 - HP	MM22X1.5 - HP - ISO6149
MM26X1.5 - HP	MM26X1.5 - HP - ISO6149
MM27X2 - HP	MM27X2 - HP - ISO6149
MM30X2 - HP	MM30X2 - HP - ISO6149
MM33X2 - HP	MM33X2 - HP - ISO6149
MM42X2 - HP	MM42X2 - HP - ISO6149
MM48X2 - HP	MM48X2 - HP - ISO6149



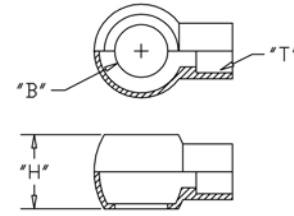
# Braze Banjos and Bolts



**BSPP Solder Banjo**

Banjo Bolt Size "B"	Braze Tube Size "T"	Part Number
---------------------	---------------------	-------------

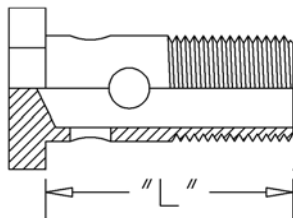
1/8 BSP		F142 R1/8
1/4 BSP		F142 R1/4
3/8 BSP		F142 R3/8
1/2 BSP		F142 R1/2
5/8 BSP		F142 R5/8
3/4 BSP		F142 R3/4
1" BSP		F142 R1



**Metric Solder Banjo**

Banjo Bolt Size "B"	Braze Tube Size "T"	Part Number
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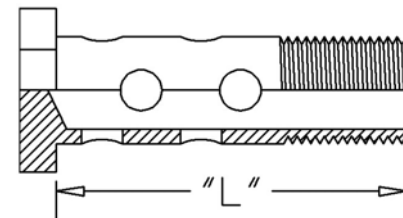
10MM		F142 M10x1
12MM		F142 M12x1.5
14MM		F142 M14x1.5
16MM		F142 M16x1.5
18MM		F142 M18x1.5
22MM		F142 M22x1.5
26MM		F142 M26x1.5
30MM		F142 M30x1.5



**Single Banjo Bolt**

Bolt Thread	Bolt Length "L"	Part Number
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1/8 BSPP	19mm	F15 R1/8
1/4 BSPP	25mm	F15 R1/4
3/8 BSPP	31mm	F15 R3/8
1/2 BSPP	40mm	F15 R1/2
5/8 BSPP	TBA	F15 R5/8
3/4 BSPP	47mm	F15 R3/4
1" BSPP	58mm	F15 R1
M6X1	17mm	F15M6X1
M8X1	17mm	F15M8X1
M10X1	21mm	F15 M10x1
M12X1.5	24mm	F15 M12x1.5
M14X1.5	27mm	F15 M14x1.5
M16X1.5	31mm	F15 M16x1.5
M18X1.5	36mm	F15 M18x1.5
M22X1.5	38mm	F15 M22x1.5
M26X1.5	44mm	F15 M26x1.5
M30X1.5	46mm	F15 M30x1.5



**Double Banjo Bolt**

Bolt Thread	Bolt Length "L"	Part Number
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1/8 BSPP	TBA	F15D R1/8
1/4 BSPP	TBA	F15D R1/4
3/8 BSPP	TBA	F15D R3/8
1/2 BSPP	TBA	F15D R1/2
5/8 BSPP	TBA	F15D R5/8
3/4 BSPP	TBA	F15D R3/4
1" BSPP	TBA	F15D R1
M8X1	27mm	F15DM8X1
M10X1	30mm	F15D M10x1
M12X1.5	38mm	F15 DM12x1.5
M14X1.5	42mm	F15D M14x1.5
M16X1.5	46mm	F15D M16x1.5
M18X1.5	54mm	F15D M18x1.5
M22X1.5	66mm	F15D M22x1.5
M26X1.5	77mm	F15D M26x1.5

Banjo bolts marked "TBA" and double banjo bolts may be special order.

**Williams Fluidair Corporation Limited**

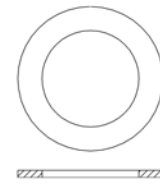
1018 Salk Road Pickering, Ontario Canada L1W 3C5  
 T: 905-831-3222 F: 905-831-3284 E: service@williamsfluidair.com W: www.williamsfluidair.com



**BSR/BSM BSPP/Metric Bonded Seal**

Thread Size	Part Number
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8 mm	BSM08
10 mm	BSM10
12 mm	BSM12
14 mm	BSM14
16 mm	BSM16
18 mm	BSM18
20 mm	BSM20
22 mm	BSM22
30 mm	BSM30
42 mm	BSM42
1/8 BSPP	BSR 1/8
1/4 BSPP	BSR 1/4
3/8 BSPP	BSR 3/8
1/2 BSPP	BSR 1/2
5/8 BSPP	BSR 5/8
3/4 BSPP	BSR 3/4
1" BSPP	BSR 1
1-1/4 BSPP	BSR 1-1/4
1-1/2 BSPP	BSR 1-1/2
2" BSPP	BSR 2



**CWR/CWM BSPP/Metric Copper Washer Seal**

Thread Size	Part Number
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6 mm	CWM06
8 mm	CWM08
10 mm	CWM10
12 mm	CWM12
14 mm	CWM14
16 mm	CWM16
18 mm	CWM18
20 mm	CWM20
22 mm	CWM22
26 mm	CWM26
27 mm	CWM27
30 mm	CWM30
1/8 BSP	CWR 1/8
1/4 BSP	CWR 1/4
3/8 BSP	CWR 3/8
1/2 BSP	CWR 1/2
5/8 BSP	CWR 5/8
3/4 BSP	CWR 3/4
1" BSP	CWR 1
1-1/4 BSP	CWR 1-1/4
1-1/2 BSP	CWR 1-1/2