

**DAWSONS-TECH<sup>®</sup>**

OVER 35 YEARS OF EXPERIENCE

## **BSPP 60° CONE FITTINGS**



***Most Cost Effective, World Class Quality  
Flow Control Components for Wide Range  
of Industries and Applications***

## THE COMPANY

**DAWSONS-TECH** is an ISO 9001:2015 certified manufacturing company offers wide range of **Consistent and Reliable World Class Quality Flow Control Components** used in Fluid / Gas Control systems in a wide range of Industries.

## MANUFACTURING :

**DAWSONS-TECH** established its comprehensive state of art manufacturing and testing facility installing various CNC Turning Centre and CNC Turnmill Centre, Vertical Machining Centre, etc. with the highly motivated and dedicated team of employees in place. This facilitate us to design and manufacture our product range under stringent quality checks and measurements that ensures **"A TOTAL CUSTOMER SATISFACTIONS WITH ZERO DEFECT PRODUCTS"**.

## QUALITY :

**DAWSONS-TECH** pursues not only performance of its products but also ensures **"TOTAL QUALITY CONTROL MANAGEMENT SYSTEMS IN ACCORDANCE TO ISO 9001:2015"** which is achieved by alerting and educating each and every employee, the importance of quality and by implementing the quality control procedures at every stage of production to final inspection from incoming raw material to finish products.

		
OUR CAPABILITIES	CERTIFICATIONS	DEMAND IN INDUSTRIES
<ul style="list-style-type: none"> <li>• Over 35 Years of Experience</li> <li>• Excellent Technical Knowledge</li> <li>• Latest Design Equipment's &amp; Software</li> <li>• Modern Manufacturing Facilities</li> <li>• Highly Motivated Team of Employees</li> <li>• Excellent Inspection Facilities</li> <li>• Product Performance Testing Facilities</li> </ul>	<ul style="list-style-type: none"> <li>• ISO 9001-2015</li> <li>• PED 2014/68/EU</li> <li>• ASTM F1387-19</li> <li>• MSS SP-99-2016a</li> <li>• Helium Leak Test</li> <li>• Hydro Static Proof Test</li> <li>• Pneumatic Proof Test</li> </ul>	<ul style="list-style-type: none"> <li>• Original Equipment Manufacturers</li> <li>• Chemical &amp; Petrochemical</li> <li>• Oil &amp; Gas</li> <li>• Power</li> <li>• Compressed Natural Gas (CNG)</li> <li>• Pharmaceutical</li> <li>• Semiconductor</li> </ul>
 <div>BENEFITS</div> <ul style="list-style-type: none"> <li>• High Quality</li> <li>• Proven Design for Leak Free Connections</li> <li>• Effective Operations</li> </ul>	<ul style="list-style-type: none"> <li>• High Efficiency</li> <li>• Technical Expertise</li> <li>• Prompt Reply</li> </ul>	<ul style="list-style-type: none"> <li>• Maximum Flexibility</li> <li>• Maximum Safety in Operation</li> <li>• Substantial Cost Saving</li> </ul>

## RESEARCH & DEVELOPMENT :

With our long experience, expertise and continues Research & Development with incorporation of advanced technology and high-tech cutting-edge machineries, **DAWSONS-TECH** is committed to constant upgradation and expand its product range to meet the requirements of its customer to their entire satisfaction at every time.

## CUSTOMER SATISFACTION :

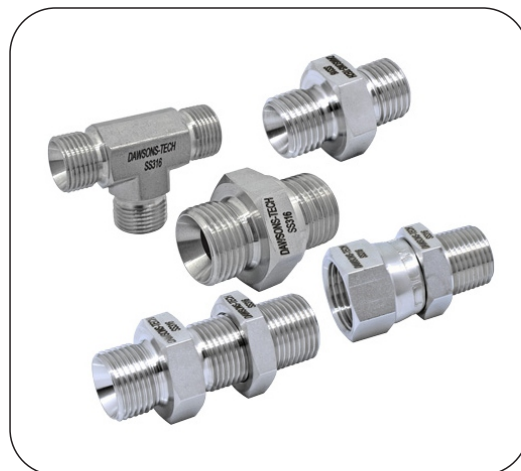
We strive to achieve total customer satisfaction and continuously work to set higher goals to provide the reliable quality, timely delivery of our products and prompt services in the best interest of our customers with very competitive price.

## General Information :

**DAWSONS-TECH** 60° Cone design Fittings with BSP (Parallel) thread are generally used with Hose and Tubing connections in Hydraulic systems.

## Features / Benefits :

- BSPP 60° Cone Fittings design according to BS5200.
- Straight Fittings are manufactured from Bar Stock.
- Shape Fittings are manufactured from Forged Body.
- The seat angle is 60° with BSPP (Parallel) thread.
- Precisely manufactured to ensure perfect seal by Metal to Metal line of contact.
- Available in Material SS316L.



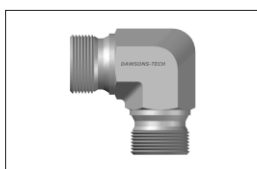
## Product Range & Operating Parameters :

**Pressure Rating** : Upto 3000 PSIG (206 BAR)  
**End Connections - Fractional** : 1/4" to 1" BSPP (Parallel) Threads.

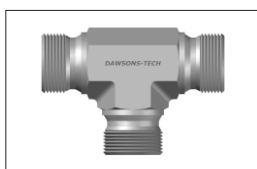
## Applications :

- Hydraulic

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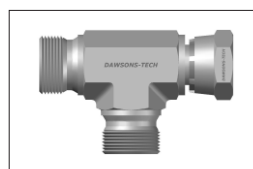
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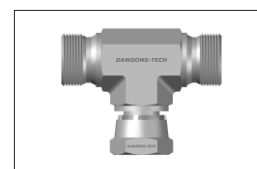
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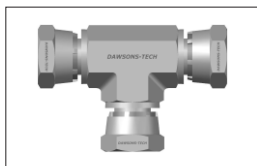
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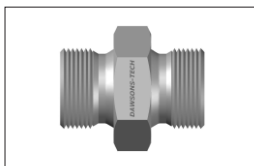
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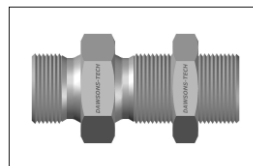
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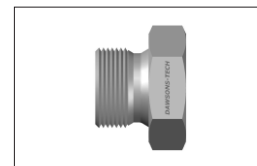
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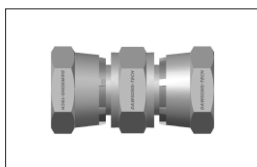
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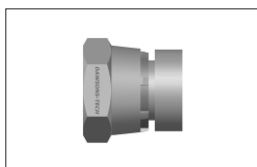
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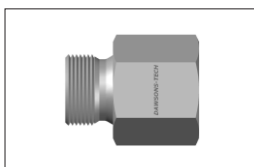
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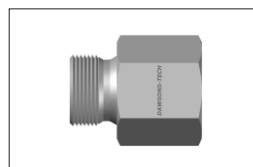
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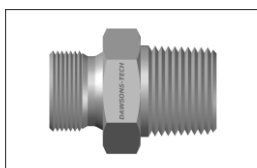
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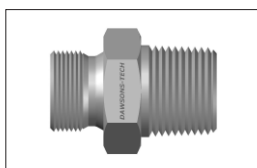
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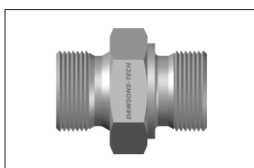
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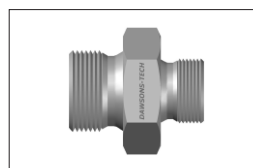
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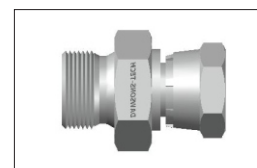
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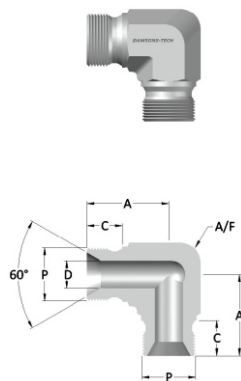
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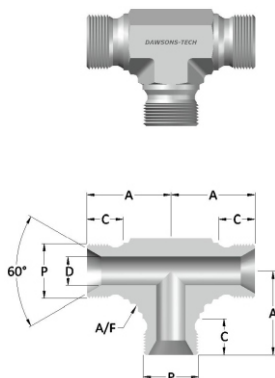
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**Male Union Elbow** (BSP (Parallel) Thread)

BSPP Thread Size	Dimensions in mm				Dawsons-Tech Part No.
	P	A	C	D	
1/8	25.4	8.1	3.5	11.1	60MUE-2G
1/4	25.4	11.1	5.1	14.2	60MUE-4G
3/8	28..5	12.1	8.1	17.4	60MUE-6G
1/2	32.5	14.1	11.1	22.2	60MUE-8G?
5/8	36.5	16.1	14.3	24.0	60MUE-10G
3/4	41.3	16.1	16.6	27.0	60MUE-12G
1	44.5	19.1	22.2	35.0	60MUE-16G

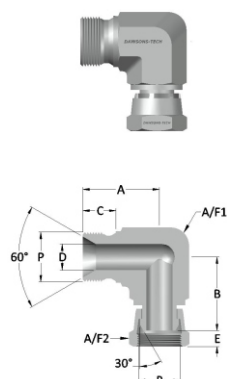
Dimensions are for reference only and are subject to change.



**Male Union Tee** (BSP (Parallel) Thread)

BSPP Thread Size	Dimensions in mm				Dawsons-Tech Part No.
P	A	C	D	A/F	
1/8	22.2	8.0	3.5	11.1	60MUT-2G
1/4	22.2	11.0	4.7	14.2	60MUT-4G
3/8	25.4	12.0	8.1	17.4	60MUT-6G
1/2	30.5	14.0	11.1	22.2	60MUT-8G?
5/8	31.	16.0	14.2	24.0	60MUT-10G
3/4	38.1	16.0	16.6	27.0	60MUT-12G
1	44.4	19.0	22.2	35.0	60MUT-16G

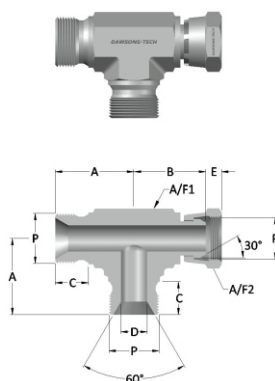
Dimensions are for reference only and are subject to change.



**Male to Swivel Female Elbow** (BSP (Parallel) Thread)

BSPP Thread Size	Dimensions in mm							Dawsons-Tech Part No.
	P	A	B	C	D	E	A/F1	
1/8	25.4	25.4	8.1	3.5	4.1	11.1	14.3	60MSFE-2G
1/4	25.4	28.6	11.1	5.1	4.2	14.2	19.0	60MSFE-4G
3/8	28.5	31.5	12.1	7.2	1.6	17.4	22.2	60MSFE-6G
1/2	32.5	31.5	14.1	11.1	6.8	22.2	27.0	60MSFE-8G?
5/8	36.5	37.3	16.1	12.7	10.1	24.0	30.0	60MSFE-10G
3/4	41.3	42.5	16.1	15.5	8.7	27.0	31.7	60MSFE-12G
1	44.5	44.5	19.1	19.8	10.1	35.0	38.1	60MSFE-16G

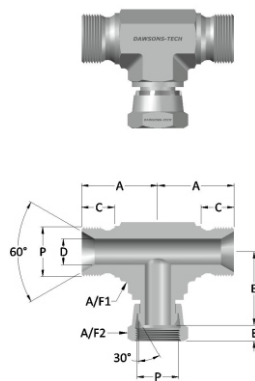
Dimensions are for reference only and are subject to change.



**Male to Swivel Female Run Tee** (BSP (Parallel) Thread)

BSPP Thread Size	Dimensions in mm							Dawsons-Tech Part No.
	P	A	B	C	D	E	A/F1	
1/8	22.2	25.4	8.0	3.5	4.1	11.1	14.3	60MSFRT-2G
1/4	22.2	28.6	11.0	4.7	4.2	14.2	19.0	60MSFRT-4G
3/8	25.4	31.7	12.0	8.1	4.6	17.4	22.2	60MSFRT-6G
1/2	30.5	35.5	14.0	11.1	6.8	22.2	27.0	60MSFRT-8G?
5/8	31.7	40.1	16.0	14.2	10.1	24.0	30.0	60MSFRT-10G
3/4	38.1	42.5	16.0	16.6	8.7	27.0	31.7	60MSFRT-12G
1	44.4	50.1	19.0	22.2	10.1	35.0	38.1	60MSFRT-16G

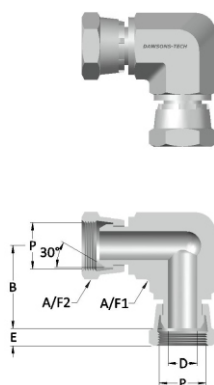
Dimensions are for reference only and are subject to change.



**Male to Swivel Female Branch Tee** (BSP (Parallel) Thread)

BSPP Thread Size	Dimensions in mm							Dawsons-Tech Part No.
P	A	B	C	D	E	A/F1	A/F2	
1/8	22.2	25.4	8.0	3.5	4.1	11.1	14.3	60MSFBT-2G
1/4	22.2	28.6	11.0	4.7	4.2	14.2	19.0	60MSFBT-4G
3/8	25.4	31.7	12.0	8.1	4.6	17.4	22.2	60MSFBT-6G
1/2	30.5	35.5	14.0	11.1	6.8	22.2	27.0	60MSFBT-8G?
5/8	31.7	40.1	16.0	14.2	10.1	24.0	30.0	60MSFBT-10G
3/4	38.1	42.5	16.0	16.6	8.7	27.0	31.7	60MSFBT-12G
1	44.4	50.1	19.0	22.2	10.1	35.0	38.1	60MSFBT-16G

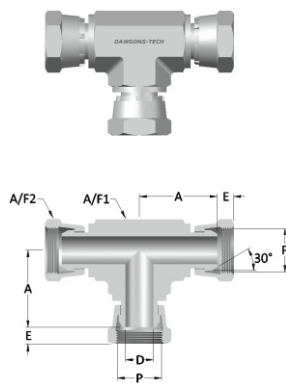
Dimensions are for reference only and are subject to change.



**Female Swivel Union Elbow** (BSP (Parallel) Thread)

BSPP Thread Size	Dimensions in mm					Dawsons-Tech Part No.
P	B	D	E	A/F1	A/F2	
1/8	25.4	3.5	4.1	11.1	14.3	60FSUE-2RG
1/4	28.6	4.7	4.2	14.2	19.0	60FSUE-4RG
3/8	31.5	8.1	1.6	17.4	22.2	60FSUE-6RG
1/2	31.5	11.1	6.8	22.2	27.0	60FSUE-8RG?
5/8	37.3	14.2	10.1	24.0	30.0	60FSUE-10RG
3/4	42.5	16.6	8.7	27.0	31.7	60FSUE-12RG
1	49.5	22.2	10.1	35.0	38.1	60FSUE-16RG

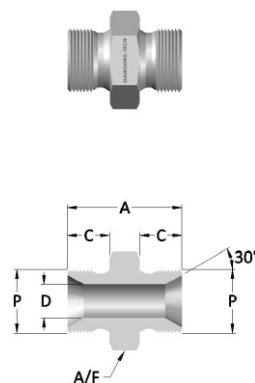
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**Female Swivel Union Tee** (BSP (Parallel) Thread)

BSPP Thread Size	Dimensions in mm					Dawsons-Tech Part No.
P	A	D	E	A/F1	A/F2	
1/8	25.4	3.5	4.1	11.1	14.3	60FSUT-2RG
1/4	25.4	4.7	4.2	14.2	19.0	60FSUT-4RG
3/8	31.7	8.1	4.6	17.4	22.2	60FSUT-6RG
1/2	36.1	11.1	6.8	22.2	27.0	60FSUT-8RG?
5/8	37.1	14.2	10.1	24.0	30.0	60FSUT-10RG
3/4	42.5	16.6	8.7	27.0	31.7	60FSUT-12RG
1	48.8	22.2	10.1	35.0	38.1	60FSUT-16RG

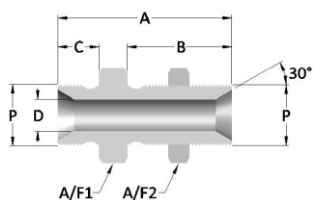
Dimensions are for reference only and are subject to change.



**Male Adapter** (BSP (Parallel) Thread)

BSPP Thread Size	Dimensions in mm				Dawsons-Tech Part No.
P	A	C	D	A/F	
1/8	21.1	8.1	3.5	12.7	60MA-2G
1/4	29.1	11.1	5.1	15.9	60MA-4G
3/8	32.1	12.1	8.1	19.0	60MA-6G
1/2	38.1	14.1	11.1	22.2	60MA-8G?
5/8	44.1	16.1	14.3	24.0	60MA-10G
3/4	44.1	16.1	16.6	28.6	60MA-12G
1	50.1	19.1	22.2	34.9	60MA-16G

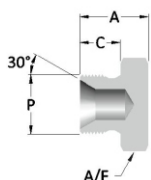
Dimensions are for reference only and are subject to change.



## Bulkhead Male Adapter (BSP (Parallel) Thread)

BSPP Thread Size	Dimensions in mm						Dawsons-Tech Part No.
P	A	B	C	D	A/F1	A/F2	
1/8	41.1	28.1	8.1	3.5	14.3	14.3	60BMA-2G
1/4	16.1	28.1	11.1	5.1	19.0	19.0	60BMA-4G
3/8	52.1	32.1	12.1	8.1	22.2	22.2	60BMA-6G
1/2	59.1	35.1	14.1	11.1	27.0	27.0	60BMA-8G?
5/8	63.1	35.1	16.1	14.3	30.0	30.0	60BMA-10G
3/4	66.1	38.1	16.1	16.6	31.7	31.7	60BMA-12G
1	72.1	41.1	19.1	22.2	41.3	41.3	60BMA-16G

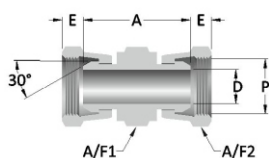
Dimensions are for reference only and are subject to change.



## Hex Plug (BSP (Parallel) Thread)

BSPP Thread Size	Dimensions in mm			Dawsons-Tech Part No.
P	A	C	A/F	
1/8	13.1	8.1	12.7	60HP-2G
1/4	18.1	11.1	17.4	60HP-4G
3/8	20.1	12.1	20.6	60HP-6G
1/2	24.1	14.1	25.4	60HP-8G?
5/8	28.1	16.1	28.6	60HP-10G
3/4	28.1	16.1	30.0	60HP-12G
1	31.1	19.1	35.0	60HP-16G

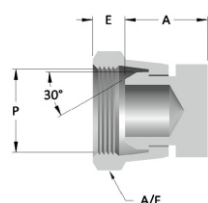
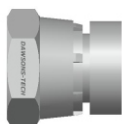
Dimensions are for reference only and are subject to change.



## Female Swivel Union (BSP (Parallel) Thread)

BSPP Thread Size	Dimensions in mm				Dawsons-Tech Part No.
P	A	D	E	A/F	
1/8	23.1	3.5	4.1	14.3	60FSU-2RG
1/4	25.6	4.7	4.2	18.1	60FSU-4RG
3/8	31.2	8.1	4.6	22.2	60FSU-6RG
1/2	29.7	11.1	6.8	25.6	60FSU-8RG?
5/8	36.3	14.2	10.1	28.6	60FSU-10RG
3/4	40.8	16.6	8.7	31.7	60FSU-12RG
1	39.6	22.2	10.1	38.1	60FSU-16RG

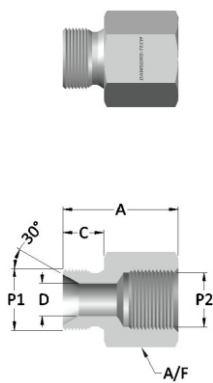
Dimensions are for reference only and are subject to change.



## Female Cap (BSP (Parallel) Thread)

BSPP Thread Size	Dimensions in mm			Dawsons-Tech Part No.
P	A	E	A/F	
1/8	14.8	4.1	14.3	60FC-2RG
1/4	17.8	4.2	19.0	60FC-4RG
3/8	20.6	4.6	22.2	60FC-6RG
1/2	21.4	6.8	27.0	60FC-8RG?
5/8	20.6	10.1	30.0	60FC-10RG
3/4	25.8	8.7	31.7	60FC-12RG
1	30.9	10.1	41.2	60FC-16RG

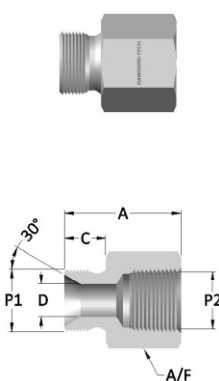
Dimensions are for reference only and are subject to change.



**Male to Female Hose Adapter** (BSP (Parallel) Thread)

Male BSPP Thread Size	Female BSPP Thread Size	Dimensions in mm				Dawsons-Tech Part No.
P1	P2	A	C	D	A/F	
1/8	1/8	24.1	8.1	3.5	14.2	60HB-2G-2RG
1/8	1/4	27.1	8.1	3.5	19.0	60HB-2G-4RG
1/4	1/8	27.1	11.1	4.7	15.9	60HB-4G-2RG
1/4	1/4	31.1	11.1	4.7	19.0	60HB-4G-4RG
1/4	3/8	33.1	11.1	4.7	22.2	60HB-4G-6RG
3/8	1/4	32.1	12.1	8.1	19.0	60HB-6G-4RG
3/8	3/8	34.1	12.1	8.1	22.2	60HB-6G-6RG
3/8	1/2	37.1	12.1	8.1	27.0	60HB-6G-8RG
1/2	3/8	36.1	14.1	11.1	22.2	60HB-8G-6RG
1/2	1/2	39.1	14.1	11.1	27.0	60HB-8G-8RG
1/2	3/4	44.1	14.1	11.1	31.7	60HB-8G-12RG
5/8	5/8	44.1	16.1	14.3	30.0	60HB-10G-10RG
3/4	1/2	41.1	16.1	16.6	27.0	60HB-12G-10RG
3/4	3/4	46.1	16.1	16.6	31.7	60HB-12G-10RG?
3/4	1	50.1	16.1	16.6	41.3	60HB-12G-16RG
1	3/4	49.1	19.1	22.2	34.9	60HB-16G-12RG
1	1	51.1	19.1	22.2	41.3	60HB-16G-16RG

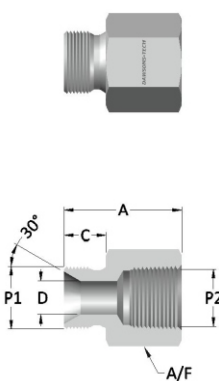
Dimensions are for reference only and are subject to change.



**Male to Female Hose Adapter** (BSP (Parallel) to NPT Thread)

Male BSPP Thread Size	Female NPT Thread Size	Dimensions in mm				Dawsons-Tech Part No.
P1	P2	A	C	D	A/F	
1/8	1/8	25.4	8.1	3.5	12.7	60HB-2G-2N
1/4	1/4	33.2	11.1	4.7	19.0	60HB-4G-4N
3/8	3/8	36.1	12.1	8.1	22.2	60HB-6G-6N
1/2	1/2	41.1	14.1	11.1	27.0	60HB-8G-8N
5/8	1/2	43.1	16.1	14.3	30.0	60HB-10G-10N
3/4	3/4	46.1	16.1	16.6	31.75	60HB-12G-12N
1	1	55.1	19.1	22.2	41.3	60HB-16G-16N

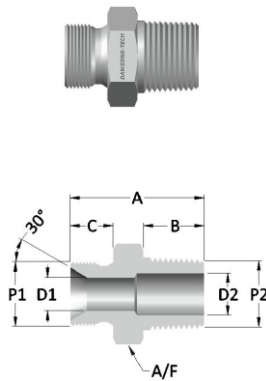
Dimensions are for reference only and are subject to change.



**Male to Female Hose Adapter** (BSP (Parallel) to BSP (Taper) Thread)

Male BSPP Thread Size	Female BSPT Thread Size	Dimensions in mm				Dawsons-Tech Part No.
P1	P2	A	C	D	A/F	
1/8	1/8	25.4	8.1	3.5	12.7	60HB-2G-2RT
1/4	1/4	33.2	11.1	4.7	19.0	60HB-4G-4RT
3/8	3/8	36.1	12.1	8.1	22.2	60HB-6G-6RT
1/2	1/2	41.1	14.1	11.1	27.0	60HB-8G-8RT
5/8	1/2	43.1	16.1	14.3	27.0	60HB-10G-10RT
3/4	3/4	46.1	16.1	16.6	31.75	60HB-12G-12RT
1	1	55.1	19.1	22.2	41.3	60HB-16G-16RT

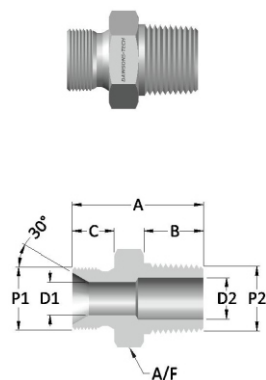
Dimensions are for reference only and are subject to change.



**Male Adapter (BSP (Parallel) to NPT Thread)**

BSPP Thread Size	NPT Thread Size	Dimensions in mm						Dawsons-Tech Part No.
P1	P2	A	B	C	D1	D2	A/F	
1/8	1/8	23.1	10.1	8.1	3.5	5.5	12.7	60MA-2G-2N
1/8	1/4	26.1	13.1	8.1	3.5	7.5	15.9	60MA-2G-4N
1/4	1/8	28.1	10.1	11.1	4.7	4.7	15.9	60MA-4G-2N
1/4	1/4	31.1	13.1	11.1	4.7	7.5	15.9	60MA-4G-4N
1/4	3/8	32.1	14.1	11.1	4.7	10.0	19.0	60MA-4G-6N
1/4	1/2	35.1	17.1	11.1	4.7	13.5	22.2	60MA-6G-8N
3/8	1/8	30.1	10.1	12.1	8.1	4.7	19.0	60MA-6G-2N
3/8	1/4	32.7	12.7	12.1	7.5	7.5	19.0	60MA-6G-4N
3/8	3/8	33.1	13.1	12.1	8.1	10.7	19.0	60MA-6G-6N
3/8	1/2	35.7	15.9	12.1	8.1	13.5	22.2	60MA-6G-8N
1/2	1/4	36.7	12.7	14.1	11.1	7.5	22.2	60MA-8G-4N
1/2	3/8	37.1	13.1	14.1	11.1	11.1	22.2	60MA-8G-6N
1/2	1/2	40.1	16.1	14.1	11.1	13.5	22.2	60MA-8G-8N
1/2	3/4	42.1	18.1	14.1	11.1	19.1	28.6	60MA-8G-12N
1/2	1	48.2	22.2	14.1	11.1	23.8	34.9	60MA-8G-16N
5/8	1/2	44.1	16.1	16.1	13.5	13.5	28.6	60MA-10G-8N
3/4	1/2	45.1	17.1	16.1	16.6	13.5	31.7	60MA-12G-8N
3/4	3/4	47.1	19.1	16.1	16.6	18.6	31.7	60MA-12G-12N
3/4	1	50.1	22.1	16.1	16.6	23.8	34.9	60MA-12G-16N
1	1/2	47.1	16.1	19.1	22.2	13.5	34.9	60MA-16G-8N
1	3/4	51.1	20.1	19.1	20.6	19.1	34.9	60MA-16G-12N
1	1	53.2	22.2	19.1	22.2	23.8	34.9	60MA-16G-16N

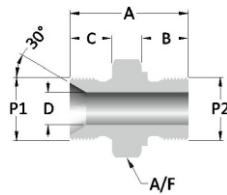
Dimensions are for reference only and are subject to change.



**Male Adapter (BSP (Parallel) to BSP (Taper) Thread)**

BSPP Thread Size	BSPT Thread Size	Dimensions in mm						Dawsons-Tech Part No.
P1	P2	A	B	C	D1	D2	A/F	
1/8	1/8	23.1	10.1	8.1	3.5	5.5	12.7	60MA-2G-2RT
1/8	1/4	26.1	13.1	8.1	3.5	7.5	15.9	60MA-2G-4RT
1/4	1/8	28.1	10.1	11.1	4.7	4.7	15.9	60MA-4G-2RT
1/4	1/4	31.1	13.1	11.1	4.7	7.5	15.9	60MA-4G-4RT
1/4	3/8	32.1	14.1	11.1	4.7	10.0	19.0	60MA-4G-6RT
1/4	1/2	35.1	17.1	11.1	4.7	13.5	22.2	60MA-6G-8RT
3/8	1/8	30.1	10.1	12.1	8.1	4.7	19.0	60MA-6G-2RT
3/8	1/4	32.7	12.7	12.1	7.5	7.5	19.0	60MA-6G-4RT
3/8	3/8	33.1	13.1	12.1	8.1	10.7	19.0	60MA-6G-6RT
3/8	1/2	35.7	15.9	12.1	8.1	13.5	22.2	60MA-6G-8RT
1/2	1/4	36.7	12.7	14.1	11.1	7.5	22.2	60MA-8G-4RT
1/2	3/8	37.1	13.1	14.1	11.1	11.1	22.2	60MA-8G-6RT
1/2	1/2	40.1	16.1	14.1	11.1	13.5	22.2	60MA-8G-8RT
1/2	3/4	42.1	18.1	14.1	11.1	19.1	28.6	60MA-8G-12RT
1/2	1	48.2	22.2	14.1	11.1	23.8	34.9	60MA-8G-16RT
5/8	1/2	44.1	16.1	16.1	13.5	13.5	28.6	60MA-10G-8RT
3/4	1/2	45.1	17.1	16.1	16.6	13.5	31.7	60MA-12G-8RT
3/4	3/4	47.1	19.1	16.1	16.6	18.6	31.7	60MA-12G-12RT
3/4	1	50.1	22.1	16.1	16.6	23.8	34.9	60MA-12G-16RT
1	1/2	47.1	16.1	19.1	22.2	13.5	34.9	60MA-16G-8RT
1	3/4	51.1	20.1	19.1	20.6	19.1	34.9	60MA-16G-12RT
1	1	53.2	22.2	19.1	22.2	23.8	34.9	60MA-16G-16RT

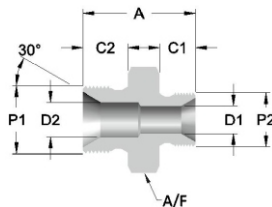
Dimensions are for reference only and are subject to change.



**Male Adapter 'OR' (BSP (Parallel) to BSP (Parallel) Thread)**

BSPP Thread Size	BSPP Thread Size	Dimensions in mm					Dawsons-Tech Part No.
P1	P2	A	B	C	D	A/F	
1/8	1/8	25.5	7.4	8.1	3.5	14.3	60MA-2G-2G-OR
1/4	1/4	31.1	11.1	11.1	5.1	19.0	60MA-4G-4G-OR
3/8	3/8	34.1	12.1	12.1	8.1	22.2	60MA-6G-6G-OR
1/2	1/2	42.1	15.1	14.1	11.1	28.6	60MA-8G-8G-OR
5/8	5/8	47.1	16.1	16.1	14.3	30.0	60MA-10G-10G-OR
3/4	3/4	47.1	16.1	16.1	15.9	31.7	60MA-12G-12G-OR
1	1	47.1	19.1	19.1	22.2	41.3	60MA-16G-16G-OR

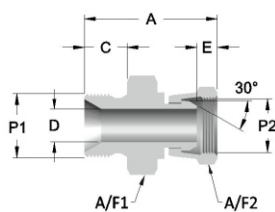
Dimensions are for reference only and are subject to change.



**Reducing Male Adapter (BSP (Parallel) to BSP (Parallel) Thread)**

BSPP Thread Size	BSPP Thread Size	Dimensions in mm						Dawsons-Tech Part No.
P1	P2	A	C1	C2	D1	D2	A/F	
1/4	1/8	26.1	8.1	11.1	3.5	4.7	15.9	60RMA-4G-2G
3/8	1/8	28.1	8.1	12.1	3.5	7.9	19.0	60RMA-6G-2G
3/8	1/4	31.1	11.1	12.1	4.7	7.9	19.0	60RMA-6G-4G
1/2	1/4	35.1	11.1	14.1	4.7	11.1	22.2	60RMA-8G-4G
1/2	3/8	36.1	12.1	14.1	7.9	11.1	22.2	60RMA-8G-6G
5/8	1/2	42.1	14.1	16.1	11.1	14.2	24.0	60RMA-10G-8G
3/4	1/4	39.1	11.1	16.1	4.7	16.6	28.6	60RMA-12G-4G
3/4	3/8	40.1	12.1	16.1	7.9	16.6	28.6	60RMA-12G-6G
3/4	1/2	42.1	14.1	16.1	11.1	16.6	28.6	60RMA-12G-8G
3/4	5/8	44.1	16.1	16.1	14.2	16.6	28.6	60RMA-12G-10G
1	3/8	43.1	12.1	19.1	7.9	22.2	34.9	60RMA-16G-6G
1	1/2	45.1	14.1	19.1	11.1	22.2	34.9	60RMA-16G-8G
1	3/4	47.1	16.1	19.1	16.6	22.2	34.9	60RMA-16G-12G

Dimensions are for reference only and are subject to change.



**Male to Swivel Female Adapter (BSP (Parallel) Thread to Swivel Nut)**

Male BSPP Thread Size	Female BSPP Thread Size	Dimensions in mm						Dawsons-Tech Part No.
P1	P2	A	C	D	E	A/F1	A/F2	
1/8	1/8	30.2	8.1	3.5	4.1	12.7	14.2	60FSMA-2G-2RG
1/4	1/8	35.2	11.1	4.7	4.1	14.2	14.2	60FSMA-4G-2RG
1/8	1/4	31.2	8.1	3.5	4.2	15.9	19.0	60FSMA-2G-4RG
1/4	1/4	37.2	11.1	4.7	4.2	15.9	19.0	60FSMA-4G-4RG
3/8	1/4	38.6	12.1	8.1	4.2	19.0	19.0	60FSMA-6G-2RG
1/4	3/8	39.8	11.1	4.7	4.6	22.2	22.2	60FSMA-4G-6RG
3/8	3/8	41.7	12.1	8.1	4.6	22.2	22.2	60FSMA-6G-6RG
1/2	3/8	45.4	14.1	11.1	4.6	22.2	22.2	60FSMA-8G-6RG
1/4	1/2	41.9	11.1	4.7	6.8	25.4	27.0	60FSMA-4G-8RG
3/8	1/2	42.9	12.1	8.1	6.8	25.4	27.0	60FSMA-6G-8RG
1/2	1/2	47.3	14.1	11.1	6.8	25.4	27.0	60FSMA-8G-8RG
5/8	1/2	49.2	16.1	14.2	6.8	25.6	27.0	60FSMA-10G-8RG
3/4	1/2	49.2	16.1	16.6	6.8	28.6	27.0	60FSMA-12G-8RG
1/2	5/8	49.3	14.1	11.1	10.1	25.4	30.0	60FSMA-8G-10RG
5/8	5/8	57.7	16.1	14.2	10.1	27.0	30.0	60FSMA-10G-10RG
3/4	5/8	53.5	16.1	16.6	10.1	28.6	30.0	60FSMA-12G-10RG
1/2	3/4	50.8	14.1	11.1	8.7	31.7	31.7	60FSMA-8G-12RG
5/8	3/4	54.2	16.1	14.2	8.7	27.0	31.7	60FSMA-10G-12RG
3/4	3/4	52.6	16.1	16.6	8.7	27.0	31.7	60FSMA-12G-12RG
1	3/4	57.2	19.1	22.2	8.7	34.9	31.7	60FSMA-16G-12RG
3/4	1	59.3	16.1	16.6	10.1	34.9	41.3	60FSMA-12G-16RG
1	1	62.2	19.1	22.2	10.1	34.9	41.3	60FSMA-16G-16RG

Dimensions are for reference only and are subject to change.

**ORDERING INFORMATION**

For Example : Part No. MA-8RT-8N-SS

Type of Fittings	End Connection Pipe Thread Size & Type 1	End Connection Pipe Thread Size & Type 2	Material of Construction
MA	8G	8N	SS
Male Adapter	1/2" BSP	1/2" NPT	SS316

**PART NO. CODE DESCRIPTION :**

<b>End Connection Pipe Thread Size</b>	2	1/8"
	4	1/4"
	6	3/8"
	8	1/2"
	10	5/8"
	12	3/4"
	16	1"

<b>End Connection Pipe Thread Size</b>	<b>N</b> : NPT
	<b>RT</b> : BSPT
	<b>G</b> : BSP (Male)
	<b>RG</b> : BSP (Female)

<b>Material of Construction</b>	<b>SS</b> : SS316
	<b>SSL</b> : SS316L

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**37° Flare / BSPP 60° Cone Fittings**



**High Purity Metal Gasket  
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**High Purity 'O' Ring  
Face Seal Fittings**



**High Purity Weld Fittings**



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**Instrumentation / UHP Check Valves**



**Instrumentation  
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