

INSTRUMENT PIPE FITTING









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INTRODUCTION

Trueway Instrument Pipe Fittings are Screwed & Socket welded type joints, used for connecting Male/ Female Screwed & weldable Pipe Ends. They are used for achieving High Pressure Leakproof Joints of Metal Pipes. They are available in various sizes with complete range as Hex/ Pipe Nipples, Elbows, Tees, Adaptors, Cross etc. Trueway Instrument fittings are manufactured in various Material grads as SS, Hastelloy, Inconel, Monel, Brass, PTFE, CS etc.

FEATURES

Suitable for High Pressure Gases

Liquids & Vacuum Designed for easy handling & suitable for High pressure applications

PRODUCT RANGE

- HEX NIPPLE (HN)
- HEX PLUG (HP)
- ELBOW MALE HEX (HEM)
- TEE MALE HEX (HTM)
- HEX COUPLING (HC)
- HEX CAP (HCP)
- ELBOW FEMALE HEX (HEF)
- TEE FEMALE HEX (HTF)
- CROSS FEMALE HEX (HCF)

- HEX REDUCER (HR)
- HEX ADAPTOR MALE X FEMALE (HA)
- ELBOW MALE FEMALE HEX (HEMF)
- PIPE NIPPLE (PN)
- PIPE COUPLING SCREWED (PCS)
- PIPE COUPLING SOCKET WELD (PCSW)
- PIPE ELBOW SCREWED/SW (PE)
- PIPE TEE SCREWED/SW (PT)
- PIPE UNION SCREWED/SW (PU)

INDUSTRIES SERVE

Instrumentation Hydraulics Fertilizers Power

Steel

- Chemicals
- Oil & Gas

- Petrochemicals
- Pharmaceuticals



HEX NIPPLE (HN)

Model Selection Chart

Tube Outer Dia Size : Fractional				
Sr. No.	End Conn 1 Thread type NPT Male	End Conn 1 Thread type NPT Male	Model No. For MOC: SS316	
1	1/8"	1/8"	SS-HN-2M	
2	1/4"	1/4"	SS-HN-4M	
3	3/8"	3/8"	SS-HN-6M	
4	1/2"	1/2"	SS-HN-8M	
5	3/4"	3/4"	SS-HN-12M	
6	1"	1"	SS-HN-16M	
7	1-1/4"	1-1/4"	SS-HN-20M	
8	1-1/2"	1-1/2"	SS-HN-24M	
9	2"	2"	SS-HN-32M	
		REDUCING HEX NIPPLE		
10	1/4"	1/8"	SS-HN-4M-2M	
11	3/8"	1/4"	SS-HN-6M-4M	
12	1/2"	1/4"	SS-HN-8M-4M	
13	1/2"	3/8"	SS-HN-8M-6M	
14	3/4"	1/4"	SS-HN-12M-4M	
15	3/4"	3/8"	SS-HN-12M-6M	
16	3/4"	1/2"	SS-HN-12M-8M	
17	1"	1/2"	SS-HN-16M-8M	
18	1"	3/4"	SS-HN-16M-12M	
19	1-1/4"	1"	SS-HN-20M-16M	
20	1-1/2"	1"	SS-HN-24M-16M	
21	1-1/2"	1-1/4"	SS-HN-24M-20M	
22	2"	1"	SS-HN-32M-16M	
23	2"	1-1/2"	SS-HN-32M-20M	

Note : Model Nos. are with standard Length of Hex Nippale. Indicate if require any specific Length



Material Grade Selection Chart		
For following Material Grade (MOC)	Replace First Two Letters of Model No. with following	
SS316L	SSL	
SS304	S4	
SS304L	S4L	
Brass	В	
Alloy 400	ML	
Alloy 600	INC	
Alloy C276	НС	
PTFE	Т	
Carbon Steel	CS	

Note: Above Model Nos, are for NPT Threads, For BSP Threads Add -B & for BSPT Threads add -BT at end of Model Nos.

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HEX PLUG (HP)

Model Selection Chart

Tube Outer Dia Size : Fractional			
Sr. No.	End Conn 1 Thread type NPT Male	Model No. For MOC: SS316	
1	1/8"	SS-HN-2M	
2	1/4"	SS-HN-4M	
3	3/8"	SS-HN-6M	
4	1/2"	SS-HN-8M	
5	3/4"	SS-HN-12M	
6	1"	SS-HN-16M	
7	1-1/4"	SS-HN-20M	
8	1-1/2"	SS-HN-24M	
9	2"	SS-HN-32M	



Material Grade Selection Chart		
For following Material Grade (MOC) Replace First Two Letters of Model No. with following		
SS316L	SSL	
SS304	S4	
SS304L	S4L	
Brass	В	
Alloy 400	ML	
Alloy 600	INC	
Alloy C276	НС	
PTFE	Т	
Carbon Steel	CS	

Note: Above Model Nos. are for NPT Threads. For BSP Threads Add -B & for BSPT Threads add -BT at end of Model Nos.

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Model Selection Chart

Tube Outer Dia Size : Fractional

Sr. No.	End Conn 1 Thread type NPT Male	End Conn 2 Thread type NPT Male	Model No. For MOC: SS316
1	1/4"	1/4"	SS-HEM-4M
2	3/8"	3/8"	SS-HEM-6M
3	1/2"	1/2"	SS-HEM-8M
4	3/4"	3/4"	SS-HEM-12M
5	1"	1"	SS-HEM-16M



Material Grade Selection Chart			
For following Material Grade (MOC) Replace First Two Letters of Model No. with following			
SS316L	SSL		
SS304	S4		
SS304L	S4L		
Brass	В		
Alloy 400	ML		
Alloy 600	INC		
Alloy C276	НС		
PTFE	Т		
Carbon Steel	CS		
Note: Above Medel Nee, are fer NDT Threads. Fer	DCD Threads Add. D.9 for DCDT Threads add. DT at and af Madel Nes		

Note: Above Model Nos, are for NPT Threads. For BSP Threads Add -B & for BSPT Threads add -BT at end of Model Nos.

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Model Selection Chart

Tube O	uter Dia	Size:	Fractio	hal
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Sr. No.	End Conn 1 Thread type NPT Male	End Conn 2 Thread type NPT Male	End Conn 3 Thread type NPT Male	Model No. For MOC: SS316
1	1/4"	1/4"	1/4"	SS-HTM-4M
2	3/8"	3/8"	3/8"	SS-HTM-6M
3	1/2"	1/2"	1/2"	SS-HTM-8M
4	3/4"	3/4"	3/4"	SS-HTM-12M
5	1"	1"	1"	SS-HTM-16M



Material Grade Selection Chart				
For following Material Grade (MOC)	For following Material Grade (MOC) Replace First Two Letters of Model No. with following			
SS316L	SSL			
SS304	S4			
SS304L	S4L			
Brass	В			
Alloy 400	ML			
Alloy 600	INC			
Alloy C276	HC			
PTFE	Т			
Carbon Steel	CS			

Note: Above Model Nos, are for NPT Threads. For BSP Threads Add -B & for BSPT Threads add -BT at end of Model Nos.

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HEX COUPLING (HC)

Model Selection Chart

Tube Outer Dia Size : Fractional				
Sr. No.	End Conn 1 Thread type NPT Female	End Conn 2 Thread type NPT Female	Model No. For MOC: SS316	
1	1/8"	1/8"	SS-HC-2F	
2	1/4"	1/4"	SS-HC-4F	
3	3/8"	3/8"	SS-HC-6F	
4	1/2"	1/2"	SS-HC-8F	
5	3/4"	3/4"	SS-HC-12F	
6	1"	1"	SS-HC-16F	
7	1-1/4"	1-1/4"	SS-HC-20F	
8	1-1/2"	1-1/2"	SS-HC-24F	
9	2"	2"	SS-HC-32F	
	R	EDUCING HEX COUPLING		
10	1/4"	1/8"	SS-HC-4F-2F	
11	3/8"	1/4"	SS-HC-6F-4F	
12	1/2"	1/4"	SS-HC-8F-4F	
13	1/2"	3/8"	SS-HC-8F-6F	
14	3/4"	1/4"	SS-HC-12F-4F	
15	3/4"	3/8"	SS-HC-12F-6F	
16	3/4"	1/2"	SS-HC-12F-8F	
17	1"	1/2"	SS-HC-16F-8F	
18	1"	3/4"	SS-HC-16F-12F	
19	1-1/4"	1"	SS-HC-20F-16F	
20	1-1/2"	1"	SS-HC-24F-16F	
21	1-1/2"	1-1/4"	SS-HC-24F-20F	
22	2"	1"	SS-HC-32F-16F	
23	2"	1-1/2"	SS-HC-32F-24F	

Note : Model Nos. are with standard Length of Hex coupling. Indicate if require any specific Length



Website

Material Grade Selection Chart		
For following Material Grade (MOC)	Replace First Two Letters of Model No. with following	
SS316L	SSL	
SS304	S4	
SS304L	S4L	
Brass	В	
Alloy 400	ML	
Alloy 600	INC	
Alloy C276	НС	
PTFE	Т	
Carbon Steel	CS	
	•	

Note: Above Model Nos, are for NPT Threads, For BSP Threads Add -B & for BSPT Threads add -BT at end of Model Nos.

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HEX CAP (HCP)

Model Selection Chart

Tube Outer Dia Size : Fractional			
Sr. No.	End Conn 1 Thread type NPT Female	Model No. For MOC: SS316	
1	1/8"	SS-HCP-2F	
2	1/4"	SS-HCP-4F	
3	3/8"	SS-HCP-6F	
4	1/2"	SS-HCP-8F	
5	3/4"	SS-HCP-12F	
6	1"	SS-HCP-16F	
7	1-1/4"	SS-HCP-20F	
8	1-1/2"	SS-HCP-24F	
9	2"	SS-HCP-32F	



Material Grade Selection Chart			
For following Material Grade (MOC)	Replace First Two Letters of Model No. with following		
SS316L	SSL		
SS304	S4		
SS304L	S4L		
Brass	В		
Alloy 400	ML		
Alloy 600	INC		
Alloy C276	НС		
PTFE	Т		
Carbon Steel	CS		
Nate: Above Medel Nec. are for NDT Threads. For PSP Threads Add -P \$ for PSPT Threads add -PT at and of Medel Nec.			

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ELBOW FEMALE HEX (HEF)

Model Selection Chart

Tube Outer Dia Size : Fractional				
Sr. No.	End Conn 1 Thread type NPT Female	End Conn 2 Thread type NPT Female	Model No. For MOC: SS316	
1	1/8"	1/8"	SS-HEF-2F	
2	1/4"	1/4"	SS-HEF-4F	
3	3/8"	3/8"	SS-HEF-6F	
4	1/2"	1/2"	SS-HEF-8F	
5	3/4"	3/4"	SS-HEF-12F	
6	1"	1"	SS-HEF-16F	
7	1.25"	1.25"	SS-HEF-20F	
8	1.5"	1.5"	SS-HEF-24F	
	Re	ducing Female Elbow Hex		
9	1/4"	1/8"	SS-HEF-4F-2F	
10	3/8"	1/4"	SS-HEF-6F-4F	
11	1/2"	1/4"	SS-HEF-8F-4F	
12	1/2"	3/8"	SS-HEF-8F-6F	
13	3/4"	1/4"	SS-HEF-12F-4F	
14	3/4"	3/8"	SS-HEF-12F-6F	
15	3/4"	1/2"	SS-HEF-12F-8F	
16	1"	1/2"	SS-HEF-16F-8F	
17	1"	3/4"	SS-HEF-16F-12F	
18	1.25"	1"	SS-HEF-20F-16F	
19	1.5"	1"	SS-HEF-24F-16F	



	Material Grade Selection Chart			
	For following Material Grade (MOC) Replace First Two Letters of Model No. with following			
	SS316L	SSL		
	SS304	S4		
	SS304L	S4L		
	Brass	В		
	Alloy 400	ML		
	Alloy 600 INC			
	Alloy C276	НС		
	PTFE	Т		
_	Carbon Steel CS			
	Note: Above Model Nos, are for NPT Threads. For BSP Threads Add -B & for BSPT Threads add -BT at end of Model Nos.			

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TEE FEMALE HEX (HTF)

Model Selection Chart

Tube Outer Dia Size : Fractional				
Sr. No.	End Conn 1 Thread type NPT Female	End Conn 2 Thread type NPT Female	Central End Conn 3 Thread type NPT Female	Model No. For MOC: SS316
1	1/8"	1/8"	1/8"	SS-HTF-2F
2	1/4"	1/4"	1/4"	SS-HTF-4F
3	3/8"	3/8"	3/8"	SS-HTF-6F
4	1/2"	1/2"	1/2"	SS-HTF-8F
5	3/4"	3/4"	3/4"	SS-HTF-12F
6	1"	1"	1"	SS-HTF-16F
7	1.25"	1.25"	1.25"	SS-HTF-20F
8	1.5"	1.5"	1.5"	SS-HTF-16 & 24F
Reducing Tee Female Hex				
9	3/8"	3/8"	1/4"	SS-HTF-6F-6F-4F
10	1/2"	1/2"	1/4"	SS-HTF-8F-8F-4F
11	1/2"	1/2"	3/8"	SS-HTF-8F-8F-6F
12	3/4"	3/4"	1/2"	SS-HTF-12F-12F-8F
13	1"	1"	1/2"	SS-HTF-16F-16F-8F
14	1"	1"	3/4"	SS-HTF-16F-16F-12F
15	1.5"	1.5"	1"	SS-HTF-24F-24F-16F
16	1.5"	1.5"	1.25"	SS-HTF-24F-24F-20F



Material Grade Selection Chart		
For following Material Grade (MOC) Replace First Two Letters of Model No. with followin		
SS316L	SSL	
SS304	S4	
SS304L	S4L	
Brass	В	
Alloy 400	ML	
Alloy 600	INC	
Alloy C276	нс	
PTFE	Т	
Carbon Steel	Steel CS	

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Model Selection Chart

		Tube	e Outer Dia Size : Fractional				
Sr. No.	End Copp 1 End Copp 2 End Copp 3 End Copp 6 Model No						
1	1/8"	1/8"	1/8"	1/8"	SS-HCF-2F		
2	1/4"	1/4"	1/4"	1/4"	SS-HCF-4F		
3	3/8"	3/8"	3/8"	3/8"	SS-HCF-6F		
4	1/2"	1/2"	1/2"	1/2"	SS-HCF-8F		
5	3/4"	3/4"	3/4"	3/4"	SS-HCF-12F		



Material Grade Selection Chart			
For following Material Grade (MOC) Replace First Two Letters of Model No. with following			
SS316L	SSL		
SS304	S4		
SS304L	S4L		
Brass	В		
Alloy 400	ML		
Alloy 600	INC		
Alloy C276	НС		
PTFE	Т		
Carbon Steel	CS		
Note: Above Model Nos, are for NPT Threads, For BSP Threads Add -B & for BSPT Threads add -BT at end of Model Nos.			

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HEX REDUCER (HR)

Model Selection Chart

Sr. No.	End Conn 1 Thread type NPT Male	End Conn 2 Thread type NPT Female	Model No. For MOC: SS316
1	1/4"	1/8"	SS-HR-4M-2F
2	3/8"	1/8"	SS-HR-6M-2F
3	3/8"	1/4"	SS-HR-6M-4F
4	1/2"	1/8"	SS-HR-8M-2F
5	1/2"	1/4"	SS-HR-8M-4F
6	1/2"	3/8"	SS-HR-8M-6F
7	3/4"	1/4"	SS-HR-12M-4F
8	3/4"	3/8"	SS-HR-12M-6F
9	3/4"	1/2"	SS-HR-12M-8F
10	1"	1/2"	SS-HR-16M-8F
11	1"	3/4"	SS-HR-16M-12F
12	1-1/4"	1"	SS-HR-20M-16F
13	1-1/2"	1"	SS-HR-24M-16F
14	1-1/2"	1-1/4"	SS-HR-24M-20F
15	2"	1"	SS-HR-32M-16F
16	2"	1-1/2"	SS-HR-32M-20F



Website

Material Grade Selection Chart		
For following Material Grade (MOC)	Replace First Two Letters of Model No. with following	
SS316L	SSL	
SS304	S4	
SS304L	S4L	
Brass	В	
Alloy 400	ML	
Alloy 600	INC	
Alloy C276	HC	
PTFE	Т	
Carbon Steel	CS	

Note: Above Model Nos, are for NPT Threads. For BSP Threads Add -B & for BSPT Threads add -BT at end of Each Size in Model Nos.

Hex Adaptor shall be supplied with our standard short Length.

For Specific Length required for Hex Adaptor, add -Length in mm at the end of the Model No,

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HEX ADAPTOR (HA)

Model Selection Chart

Sr. No.	End Conn 1 Thread type NPT Male	End Conn 2 Thread type NPT Female	Model No. For MOC: SS316
1	1/8"	1/8"	SS-HA-2M-2F
2	1/8"	1/4"	SS-HA-2M-4F
3	1/8"	3/8"	SS-HA-2M-6F
4	1/8"	1/2"	SS-HA-2M-8F
5	1/4"	1/4"	SS-HA-4M-4F
6	1/4"	3/8"	SS-HA-4M-6F
7	1/4"	1/2"	SS-HA-4M-8F
8	3/8"	3/8"	SS-HA-6M-6F
9	3/8"	1/2"	SS-HA-6M-8F
10	1/2"	1/2"	SS-HA-8M-8F
11	1/2"	3/4"	SS-HA-8M-12F
12	1/2"	1"	SS-HA-8M-16F
13	3/4"	3/4"	SS-HA-12M-12F
14	3/4"	1"	SS-HA-12M-16F
15	1"	1"	SS-HA-16M-16F
16	1"	1.25"	SS-HA-16M-20F
17	1"	1.5"	SS-HA-16M-24F



Material Grade Selection Chart		
For following Material Grade (MOC)	Replace First Two Letters of Model No. with following	
SS316L	SSL	
SS304	S4	
SS304L	S4L	
Brass	В	
Alloy 400	ML	
Alloy 600	INC	
Alloy C276	HC	
PTFE	Т	
Carbon Steel	CS	

Note: Above Model Nos, are for NPT Threads. For BSP Threads Add -B & for BSPT Threads add -BT at end of Each Size in Model Nos.

Hex Adaptor shall be supplied with our standard short Length.

For Specific Length required for Hex Adaptor, add -Length in mm at the end of the Model No,

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HEX ELBOW MALE FEMALE (HEMF)

Model Selection Chart

Sr. No.	End Conn 1 Thread type NPT Male	End Conn 2 Thread type NPT Female	Model No. For MOC: SS316
1	1/8"	1/8"	SS-HEMF-2M-2F
2	1/8"	1/4"	SS-HEMF-2M-4F
3	1/4"	1/8"	SS-HEMF-4M-2F
4	1/4"	1/4"	SS-HEMF-4M-4F
5	1/4"	3/8"	SS-HEMF-4M-6F
6	1/4"	1/2"	SS-HEMF-4M-8F
7	3/8"	1/4"	SS-HEMF-6M-4F
8	3/8"	3/8"	SS-HEMF-6M-6F
9	3/8"	1/2"	SS-HEMF-6M-8F
10	1/2"	1/4"	SS-HEMF-8M-4F
11	1/2"	3/8"	SS-HEMF-8M-6F
12	1/2"	1/2"	SS-HEMF-8M-8F
13	1/2"	3/4"	SS-HEMF-8M-12F
14	3/4"	1/2"	SS-HEMF-12M-8F
15	3/4"	3/4"	SS-HEMF-12M-12F
16	3/4"	1"	SS-HEMF-12M-16F
17	1"	1/2"	SS-HEMF-16M-8F
18	1"	3/4"	SS-HEMF-16M-12F
19	1"	1"	SS-HEMF-16M-16F



Material Grade Selection Chart				
For following Material Grade (MOC)	Replace First Two Letters of Model No. with following			
SS316L	SSL			
SS304	S4			
SS304L	S4L			
Brass	B			
Alloy 400	ML			
Alloy 600	INC			
Alloy C276	HC			
PTFE	Т			
Carbon Steel	CS			
Note: Above Model Nos, are for NPT Threads. For BSP Threads Add -B & for BSPT Threads add -BT at end of				

Note: Above Model Nos. are for NPT Threads. For BSP Threads Add -B & for BSPT Threads add -BT at end of Each Size in Model Nos.

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Sr. No.	End Conn 1 Thread type NPT Male	End Conn 2 Thread type NPT Male	Model No. For MOC: SS316
1	1/8"	1/8"	SS-PN-2M-100-TBE-40
2	1/4"	1/4"	SS-PN-4M-100-TBE-40
3	3/8"	3/8"	SS-PN-6M-100-TBE-40
4	1/2"	1/2"	SS-PN-8M-100-TBE-40
5	3/4"	3/4"	SS-PN-12M-100-TBE-40
6	1"	1"	SS-PN-16M-100-TBE-40
7	1-1/4"	1-1/4"	SS-PN-20M-100-TBE-40
8	1-1/2"	1-1/2"	SS-PN-24M-100-TBE-40
9	2"	2"	SS-PN-32M-100-TBE-40

Model Nos, are for Sch.40 Pipe, Change last 2 digits of Model No, to desired Schedule No, 100 specified in Model No. is Length of Nipple in MM. Replace the same as required in MM. Model Nos, are for Threading at Both Ends, Specify if require Threads at one End Only,



Material Grade Selection Chart			
For following Material Grade (MOC)	Replace First Two Letters of Model No. with following		
SS316L	SSL		
SS304	S4		
SS304L	S4L		
Brass	В		
Alloy 400	ML		
Alloy 600	INC		
Alloy C276	НС		
PTFE	Т		
Carbon Steel	CS		
Note: Above Model Nos, are for NPT Threads. For BSP Threads Add -B & for BSPT Threads add -BT at end of Model Nos.			

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PIPE COUPLING SCREWED (PCS)

Model Selection Chart

Sr. No.	End Conn 1 Thread type NPT Female	End Conn 2 Thread type NPT Female	Model No. For MOC: SS316
1	1/8"	1/8"	SS-PCS-2F-3000
2	1/4"	1/4"	SS-PCS-4F-3000
3	3/8"	3/8"	SS-PCS-6F-3000
4	1/2"	1/2"	SS-PCS-8F-3000
5	3/4"	3/4"	SS-PCS-12F-3000
6	1"	1"	SS-PCS-16F-3000
7	1-1/4"	1-1/4"	SS-PCS-20F-3000
8	1-1/2"	1-1/2"	SS-PCS-24F-3000
9	2"	2"	SS-PCS-32F-3000

Note: Fittings are 3000 Class as per ANSI B 16.11 Change last 4 digits of Model No. to required higher class as 6000 or 9000 Model Nos. are for Full Coupling. Specify for selecting Half Coupling



Material Grade Selection Chart			
For following Material Grade (MOC)	Replace First Two Letters of Model No. with following		
SS316L	SSL		
SS304	S4		
SS304L	S4L		
Brass	В		
Alloy 400	ML		
Alloy 600	INC		
Alloy C276	HC		
Carbon Steel	CS		

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Model Selection Chart

Sr. No.	End Conn 1 Socket Weld	End Conn 2 Socket Weld	Model No. For MOC: SS316
1	1/8"	1/8"	SS-PCSW-2SW-3000
2	1/4"	1/4"	SS-PCSW-4SW-3000
3	3/8"	3/8"	SS-PCSW-6SW-3000
4	1/2"	1/2"	SS-PCSW-8SW-3000
5	3/4"	3/4"	SS-PCSW-12SW-3000
6	1"	1"	SS-PCSW-16SW-3000
7	1-1/4"	1-1/4"	SS-PCSW-20SW-3000
8	1-1/2"	1-1/2"	SS-PCSW-24SW-3000
9	2"	2"	SS-PCSW-32SW-3000



Material Grade Selection Chart			
For following Material Grade (MOC)	Replace First Two Letters of Model No. with following		
SS316L	SSL		
SS304	S4		
SS304L	S4L		
Brass	В		
Alloy 400	ML		
Alloy 600	INC		
Alloy C276	HC		
Carbon Steel	CS		

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PIPE ELBOW 90 DEG (PE)

Model Selection Chart

		With Screwed Ends	
Sr. No.	End Conn 1 Thread type NPT Female	End Conn 2 Thread type NPT Female	Model No. For MOC: SS316
1	1/4"	1/4"	SS-PE-4F-3000
2	3/8"	3/8"	SS-PE-6F-3000
3	1/2"	1/2"	SS-PE-8F-3000
4	3/4"	3/4"	SS-PE-12F-3000
5	1"	1"	SS-PE-16F-3000
6	1-1/4"	1-1/4"	SS-PE-20F-3000
7	1-1/2"	1-1/2"	SS-PE-24F-3000
8	2"	2"	SS-PE-32F-3000
		With Socket Weld Ends	
Sr. No.	End Conn 1 Socket Weld	End Conn 2 Socket Weld	Model No. For MOC: SS316
9	1/4"	1/4"	SS-PE-4SW-3000
10	3/8"	3/8"	SS-PE-6SW-3000
11	1/2"	1/2"	SS-PE-8SW-3000
12	3/4"	3/4"	SS-PE-12SW-3000

	1/ 2	1/ 2*	55-PE-85W-3000
12	3/4"	3/4"	SS-PE-12SW-3000
13	1"	1"	SS-PE-16SW-3000
14	1-1/4"	1-1/4"	SS-PE-20SW-3000
15	1-1/2"	1-1/2"	SS-PE-24SW-3000
16	2"	2"	SS-PE-32SW-3000

Note: Fittings are 3000 Class as per ANSI B 16.11 Change last 4 digits of Model No. to required higher class as 6000 or 9000



Website

Material Grade Selection Chart		
For following Material Grade (MOC)	Replace First Two Letters of Model No. with following	
SS316L	SSL	
SS304	S4	
SS304L	S4L	
Brass	В	
Alloy 400	ML	
Alloy 600	INC	
Alloy C276	НС	
Carbon Steel	CS	

Note: Above Model Nos are for 3000# only. For 6000# & 9000# change 3000 in Modle No to the class required.

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PIPE TEE (PT)

Model Selection Chart

With Screwed Ends					
Sr. No.	End Conn 1 Thread type NPT Female	End Conn 1 Thread type NPT Female	End Conn 3 Thread type NPT Female	Model No. For MOC: SS316	
1	1/4"	1/4"	1/4"	SS-PT-4F-3000	
2	3/8"	3/8"	3/8"	SS-PT-6F-3000	
3	1/2"	1/2"	1/2"	SS-PT-8F-3000	
4	3/4"	3/4"	3/4"	SS-PT-12F-3000	
5	1"	1"	1"	SS-PT-16F-3000	
6	1-1/4"	1-1/4"	1-1/4"	SS-PT-20F-3000	
7	1-1/2"	1-1/2"	1-1/2"	SS-PT-24F-3000	
8	2"	2"	2"	SS-PT-32F-3000	
		With Socket Weld	Ends		
Sr. No.	End Conn 1 Socket Weld	End Conn 2 Socket Weld	End Conn 3 Socket Weld	Model No. For MOC: SS316	
9	1/4"	1/4"	1/4"	SS-PT-4SW-3000	
10	3/8"	3/8"	3/8"	SS-PT-6SW-3000	
11	1/2"	1/2"	1/2"	SS-PT-8SW-3000	
12	3/4"	3/4"	3/4"	SS-PT-12SW-3000	
13	1"	1"	1"	SS-PT-16SW-3000	
14	1-1/4"	1-1/4"	1-1/4"	SS-PT-20SW-3000	
15	1-1/2"	1-1/2"	1-1/2"	SS-PT-24SW-3000	
16	2"	2"	2"	SS-PT-32SW-3000	

Note: Fittings are 3000 Class as per ANSI B 16.11 Change last 4 digits of Model No. to required higher class as 6000 or 9000



Material Grade Selection Chart			
For following Material Grade (MOC)	Replace First Two Letters of Model No. with following		
SS316L	SSL		
SS304	S4		
SS304L	S4L		
Brass	В		
Alloy 400	ML		
Alloy 600	INC		
Alloy C2 76	HC		
Carbon Steel	CS		
Note: Above Model Nes are for 2000# only. For 6000# 9, 2000# change 2000 in Model No to the class required			

Note: Above Model Nos are for 3000# only. For 6000# & 9000# change 3000 in Modle No to the class required.

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PIPE UNION (PU)

Model Selection Chart

With Screwed Ends					
Sr. No.	End Conn 1 Thread type NPT Female	End Conn 2 Thread type NPT Female	Model No. For MOC: SS316		
1	1/4"	1/4"	SS-PU-4F-3000		
2	3/8"	3/8"	SS-PU-6F-3000		
3	1/2"	1/2"	SS-PU-8F-3000		
4	3/4"	3/4"	SS-PU-12F-3000		
5	1"	1"	SS-PU-16F-3000		
6	1-1/4"	1-1/4"	SS-PU-20F-3000		
7	1-1/2"	1-1/2"	SS-PU-24F-3000		
8	2"	2" 2" SS-PU-32F-3000			
With Socket Weld Ends					
Sr. No.	End Conn 1 Socket Weld	End Conn 2 Socket Weld	Model No. For MOC: SS316		
9	1/4"	1/4"	SS-PU-4SW-3000		
10	3/8"	3/8"	SS-PU-6SW-3000		
11	1/2"	1/2"	SS-PU-8SW-3000		
12	3/4"	3/4"	SS-PU-12SW-3000		
13	1"	1"	SS-PU-16SW-3000		
14	1-1/4"	1-1/4"	SS-PU-20SW-3000		
15	1-1/2"	1-1/2"	SS-PU-24SW-3000		

2"

Note: Pipe Unions are with SOFT SEALING (Viton/PTFE/Neoprene Rubber Seal) arrangement Specify "METAL TO METAL SEALING", if required instead of SOFT SEALING

2"



Material Grade Selection Chart			
For following Material Grade (MOC)	Replace First Two Letters of Model No. with following		
SS316L	SSL		
SS304	S4		
SS304L	S4L		
Brass	В		
Alloy 400	ML		
Alloy 600	INC		
Alloy C276	HC		
Carbon Steel	CS		

Note: Above Model Nos are for 3000# only. For 6000# & 9000# change 3000 in Modle No to the class required.

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SS-PU-32SW-3000

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HOW TO ORDER INSTRUMENT PIPE FITTING

To Order: Hex Adaptor 1/2" NPT MALE X 1/2" NPT FEMALE SS316

Trueway Model No. : SS - HA- 8M - 8F



MATERIAL GRADE			
MATERIAL GRADE	MOC (*)		
SS 316	SS		
SS316L	SSL		
Ss304	S4		
SS 304L	S4L		
BRASS	В		
ALLOY400	ML		
ALLOY600	INC		
ALLOY276	HC		
PTFE	Т		
CARBON SYEEL	CS		



ITEM DESIGNATOR





PIPE THREAD TYPE & SIZE					
SIZE(METRIC)	MPT (*) MALE	FPT (*) FEMALE	PSW (*)FOR INCH	PBW (*)FOR INCH	
1/16 INCH	1M	1F	- /	I	
1/8 INCH	2M	2F	2SW	2BW	
1/4 INCH	4M	4F	4SW	4BW	
3/8 INCH	6MM	6F	6SW	6BW	
1/2 INCH	8M	8F	8SW	8BW	
3/4 INCH	12M	12F	12SW	12BW	
1 INCH	16M	16F	16SW	16BW	
1-1/4 INCH	20M	20F	20SW	20BW	
1-1/2 INCH	24M	24F	24SW	24BW	
2 INCH	32M	32F	32SW	32BW	

Note: Above are NPT Threads. I For BSP Add -B & for BSPT add -BT at end.

Terms Used

- "*" : Designator Code "MM" : Milli Meter
- "TOD" : Tube Outer Diameter
- "TPE" : Tube Plain End
- "MPT" : Male Pipe Thread (NPT)
 "FPT" : Female Pipe Thread (NPT)
 "PSW" : Pipe Socket Weld
 "PBW" : Pipe Butt Weld

General Terms Used

OD : Outer Diameter of Tub
 NPT : National Pipe Threads

BSP : British Standard Pipe Threads BSPT : British Standard Taper Threads NACE : National Association of Corrosion Engineers SW : Socket Weld

BW : Butt Weld psi : Pounds per Square Inch



PRODUCT RANGE





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