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INSTRUMENT PIPE FITTING

MODEL CHART









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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
- Chemicals
- Oil & Gas
- Hydraulics
- Power
- Steel
- Fertilizers
- Petrochemicals
- Pharmaceuticals

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HEX NIPPLE (HN)

Model Selection Chart

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	B
Alloy 400	ML
Alloy 600	INC
Alloy C276	HC
PTFE	T
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

Sr. No.	End Conn 1 Thread type **NPT Male**	Model No. For MOC: SS316
1	1/8"	SS-HP-2M
2	1/4"	SS-HP-4M
3	3/8"	SS-HP-6M
4	1/2"	SS-HP-8M
5	3/4"	SS-HP-12M
6	1"	SS-HP-16M
7	1-1/4"	SS-HP-20M
8	1-1/2"	SS-HP-24M
9	2"	SS-HP-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	B
Alloy 400	ML
Alloy 600	INC
Alloy C276	HC
PTFE	T
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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ELBOW MALE HEX (HEM)

Model Selection Chart

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	B
Alloy 400	ML
Alloy 600	INC
Alloy C276	HC
PTFE	T
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 MALE HEX (HTM)

Model Selection Chart

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)	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	T
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

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
REDUCING 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



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	T
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

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	B
Alloy 400	ML
Alloy 600	INC
Alloy C276	HC
PTFE	T
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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ELBOW FEMALE HEX (HEF)

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-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
Reducing 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	B
Alloy 400	ML
Alloy 600	INC
Alloy C276	HC
PTFE	T
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

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-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 following
SS316L	SSL
SS304	S4
SS304L	S4L
Brass	B
Alloy 400	ML
Alloy 600	INC
Alloy C276	HC
PTFE	T
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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CROSS FEMALE HEX (HCF)

Model Selection Chart

Sr. No.	End Conn 1 Thread type **NPT Female**	End Conn 2 Thread type **NPT Female**	End Conn 3 Thread type **NPT Female**	End Conn 4 Thread type **NPT Female**	Model No. For MOC: SS316
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	B
Alloy 400	ML
Alloy 600	INC
Alloy C276	HC
PTFE	T
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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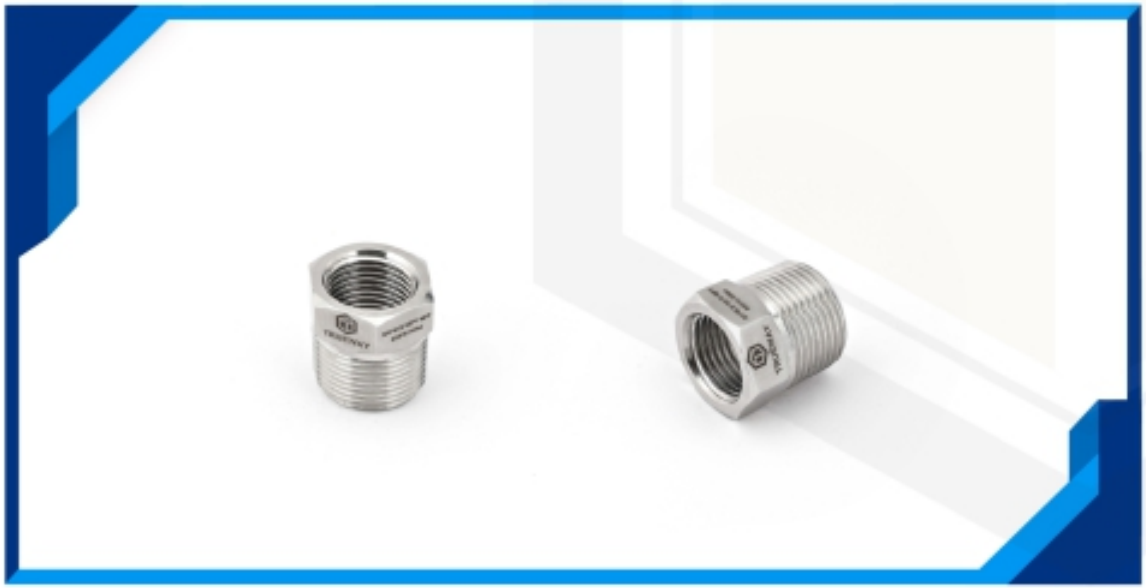
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HEX REDUCER (HR)

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



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	T
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	B
Alloy 400	ML
Alloy 600	INC
Alloy C276	HC
PTFE	T
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	T
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.

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PIPE NIPPLE (PN)

Model Selection Chart

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	B
Alloy 400	ML
Alloy 600	INC
Alloy C276	HC
PTFE	T
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	B
Alloy 400	ML
Alloy 600	INC
Alloy C276	HC
Carbon Steel	CS

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PIPE COUPLING SOCKETWELD (PCSW)

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

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	B
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
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



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
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	B
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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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"	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
16	2"	2"	SS-PU-32SW-3000

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



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
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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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

SS – **HA** – **8M** – **8F**

MATERIAL GRADE

MATERIAL GRADE	MOC (*)
SS 316	SS
SS316L	SSL
Ss304	S4
SS 304L	S4L
BRASS	B
ALLOY400	ML
ALLOY600	INC
ALLOY276	HC
PTFE	T
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	-	-
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

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PRODUCT RANGE

TUBE FITTINGS



INSTRUMENT PIPE FITTINGS



INSTRUMENT VALVES



VALVE MANIFOLDS



AIR HEADER & MANIFOLDS



CONDENSATE POTS



Instrument Flanges



SYPHONS



SNUBBERS



GAUGE COCKS



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