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HIGH PRESSURE FORGED STEEL FITTINGS REINFORCING FITTINGS OUTLET

Member of CISQ Federation



CERTIFIED MANAGEMENT SYSTEM

ISO 9001 + **ISO 14001**

STEEL FITTINGS FOR HIGH PRESSURE SERVICE

A. TYPE

WELDING OUTLETS	LATERAL OUTLETS	SWEEPOLETS
SOCKET OUTLETS	ELBOW OUTLETS	NIPOFLANGES OUTLETS
THREADED OUTLETS	NIPPLE OUTLETS	

B. DIMENSIONS

STANDARD PRODUCTION

TYPE	CLASS	SCHEDULE	BRANCH	
			FROM	TO
WELDING OUTLETS Reducing Size	-	STD	1/8"	20"
	-	XS	1/8"	20"
	-	160	1/8"	10"
	-	XXS	1/8"	10"
WELDING OUTLETS Full Size	-	STD	1/2"	4"
	-	XS	1/2"	4"
	-	160	1/2"	4"
	-	XXS	1/2"	4"
SOCKET OUTLETS Reducing Size	3000	-	1/8"	10"
	6000	-	1/2"	2"
	9000	-	1/2"	2"
SOCKET OUTLETS Full Size	3000	-	1/2"	4"
THREADED OUTLETS Reducing Size	3000	-	1/8"	10"
	6000	-	1/4"	2"
THREADED OUTLETS Full Size	3000	-	1/2"	4"
LATERAL OUTLETS Butt Weld-Screwed-Socket Weld	3000	-	1/4"	2"
	6000	-	1/4"	1.1/2"
ELBOW OUTLETS Butt Weld-Screwed-Socket Weld	3000	-	1/4"	2"
	6000	-	1/4"	1.1/2"
NIPPLE OUTLETS Screwed	3000	XS	1/2"	2"
	6000	XXS	1/2"	2"
NIPPLE OUTLETS Socket Weld	3000	XS	1/2"	2"
	6000	160	1/2"	2"
SWEEPOLETS			1.1/4"	24"

C. MATERIAL

ASTMA105	Carbon Steel Forgings.
ASTMA182	Forged or Rolled Alloy-Steel Forged Fittings.
ASTM A350	Carbon and Low-Alloy Steel Forgings.
ASTM B564	Nickel Alloy Forgings.

STEEL FITTINGS FOR HIGH PRESSURE SERVICE

D. MARKING

MSS	SP25	Standard marking system
ASTM		A105- A182- A350- B564

E. DOCUMENTS & CERTIFICATES

DIN 50049/3.1B - EN 10204/3.1B

F. SURFACE AND PROTECTIVE TREATMENTS

Carbon Steel fittings	Phosphatizing treatment - Oil treatment
Alloy and low alloy fittings	Oil treatment
Stainless Steel fittings	Pickling treatment
ARC zinc-coated	According to ASTM B633
Hot dip Galvanizing	according to ASTM A123

G. PACKING

. packing is made in **CARTONS** or **BAGS**.

STEEL FITTINGS FOR HIGH PRESSURE SERVICE

H. ORDER INSTRUCTIONS

In order to achieve a better service, customers are kindly requested to clearly indicate the following information in the order as per set below:

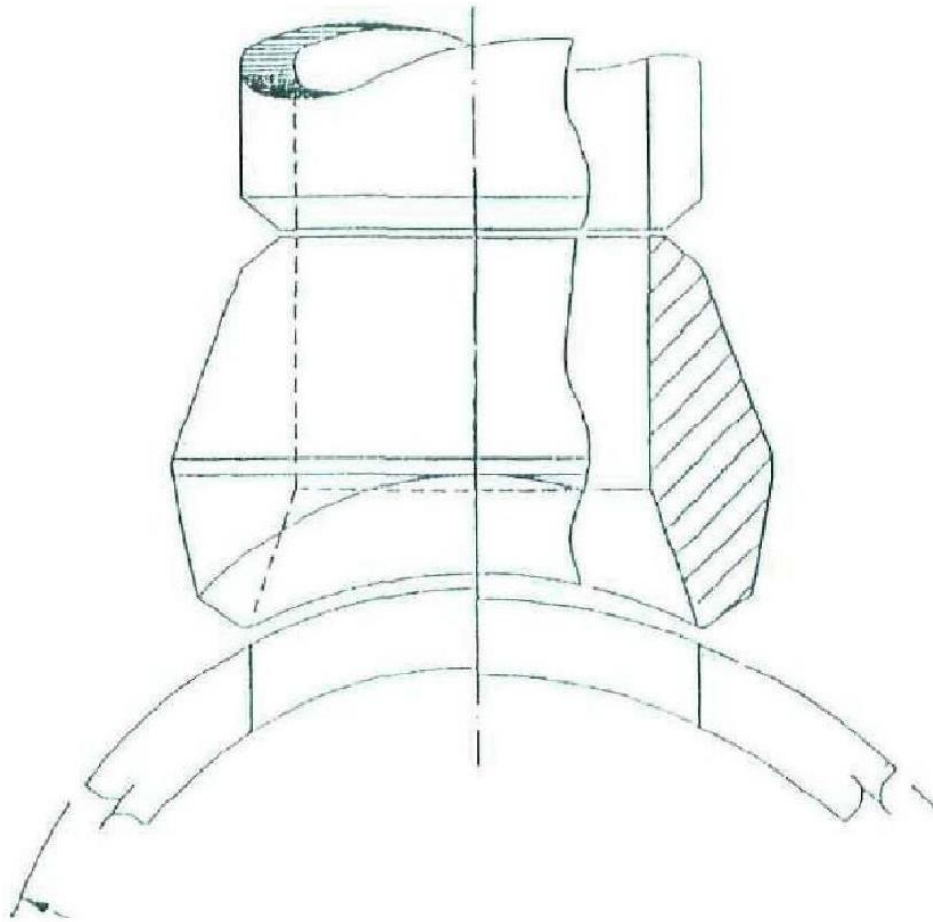
Parameter name	Value (examples)
Quantity	N°25
Type of product	WELDING OUTLETS
Dimension	8" – 6" X 1"
Class designation	40 x 40
Applicable normative and type of ends	ANSI B16.25 BW
Material type and grade	ASTM A182 - Gr. F316L
Dimension normative	ASME B31.1 – ASME B31.3
Normative for protective coating	ASTM A123 - Hot dip Galvanizing
Type of certification	DIN 50049 - EN 10204/3.1B
Request for specific certification by external Bodies	

I. USEFUL INFORMATION

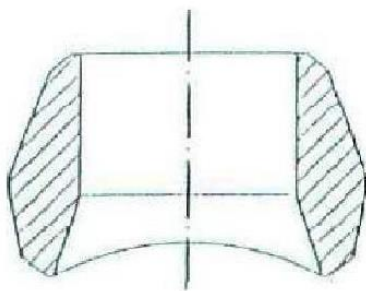
MAINTENANCE

- Keep supplied pieces in the IML original packing.
- Do not store pieces in damp areas.
- Do not store pieces in contact with water.
- Handle threaded parts with care.

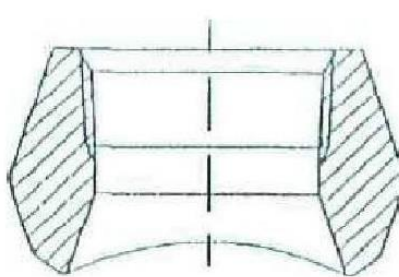
STEEL FITTINGS FOR HIGH PRESSURE SERVICE



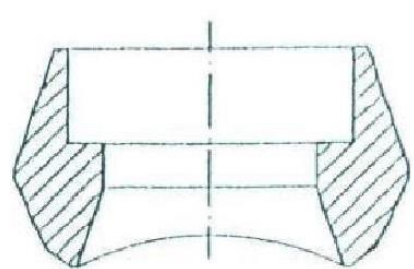
OUTLET TYPE



WELDING OUTLET



THREADED OUTLET



SOCKET OUTLET

STEEL FITTINGS FOR HIGH PRESSURE SERVICE

TYPE		SCHEDULE / CLASS DESIGNATION											
BUTT WELD		STD-XS											
THREADED		3000											
SOCKET WELD		3000											
BRANCH SIZE	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"	2.1/2"	3"	3.1/2"	4"
NOMINAL PIPE SIZE	3/8"	1/2"+1"	1/2+1"	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"	2.1/2"	3"	3.1/2"	4"
	1/2"	1.1/4"+36"	1.1/4"+36"	3/4"+1"	1"	1.1/4"+1.1/2"	1.1/2"	2"	2.1/2"	3"	3.1/2"	4"	5"
	3/4"+1"	flat	flat	2"+2.1/2"	1.1/4+1.1/2"	2"	2"+2.1/2"	2.1/2"	3"	3.1/2"	4"	5"	6"
	1.1/4"+2.1/2"			3"+6"	3"+6"	2.1/2"	3"+3.1/2"	3"	3.1/2"+4"	4"	5"	6"	8"
	3"+36"			10"+36"	6"+12"	3"+3.1/2"	4"+5"	5"+6"	5"+6"	5"	6"	8"	10"
flat			flat	14"+36"	4"+5"	6"+8"	8"+12"	8"+10"	6"	8"	10"	12"+14"	16"+20"
				flat	6"+10"	10"+18"	14"+24"	12"+18"	8"	10"	12"+14"	16"+20"	24"+36"
					12"+36"	20"+36"	26"+36"	20"+36"	10"+12"	14"+18"	16"+24"	16"+20"	flat
					flat	Flat	flat	flat	20"+36"	24"+36"	flat	flat	flat

A

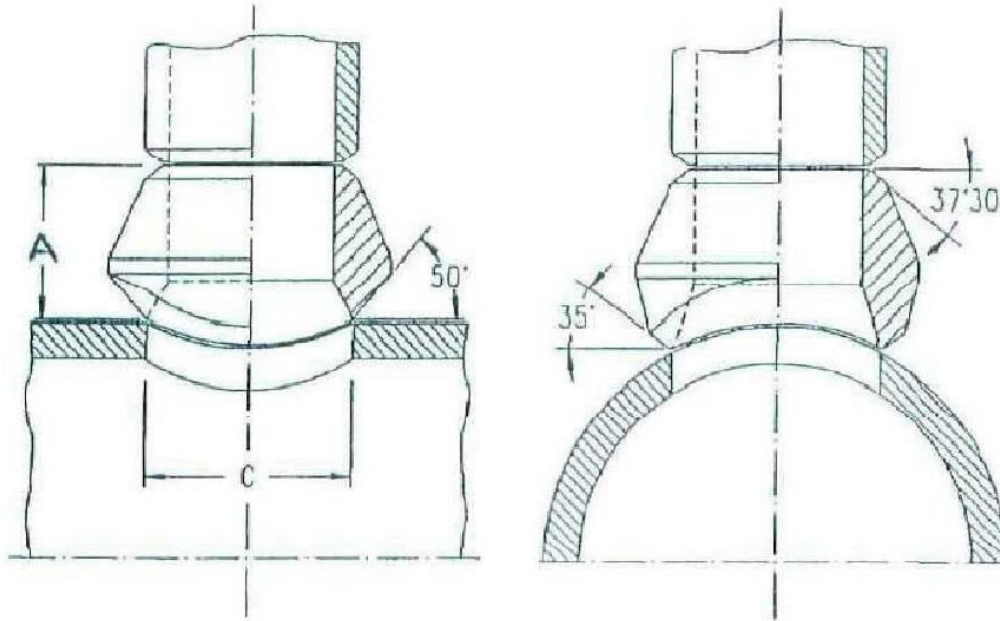
TYPE		CLASS DESIGNATION											
THREADED		6000											
SOCKET WELD		6000											
BRANCH SIZE				1/2"	3/4"	1"	1.1/4"	1.1/2"	2"				
NOMINAL PIPE SIZE				3/4+1"	1"	1.1/4+1.1/2"	1.1/2"	2"	2.1/2"				
				1.1/4+2"	1.1/4"+2.1/2"	2+2.1/2"	2"+2.1/2"	2.1/2"	3"				
				2.1/2"+6"	3"+10"	3"+10"	4"+8"	4"+5"	4" 5"				
				8"+36"	12"+36"	12"+36"	10"+20"	6"+8"	6"				
				flat	flat	flat	24"+36"	10"+18"	8"+10"				
						flat	20"+36"	12"+20"					
							flat	24"+36"					
								flat					

TYPE		SCHEDULE											
BUTT WELD		160 -XXS											
BRANCH SIZE				1/2"	3/4"	1"	1.1/4"	1.1/2"	2"				
NOMINAL PIPE SIZE				1/2"	3/4"+1"	1.1/4+1.1/2"	1.1/4+1.1/2"	1.1/2"	2"				
				1.1/2"+36"	2.1/2"+6"	2"+2.1/2"	2"+2.1/2"	3+3.1/2"	2.1/2"				
				flat	8"+36"	12"+36"	12"+36"	4"+8"	4"+5"				
					flat	flat	flat	10"+20"	6"+8"				
								24"+36"	10"+18"				
							flat	20"+36"					
								flat					

STEEL FITTINGS FOR HIGH PRESSURE SERVICE

BUTT WELD

REDUCING SIZE



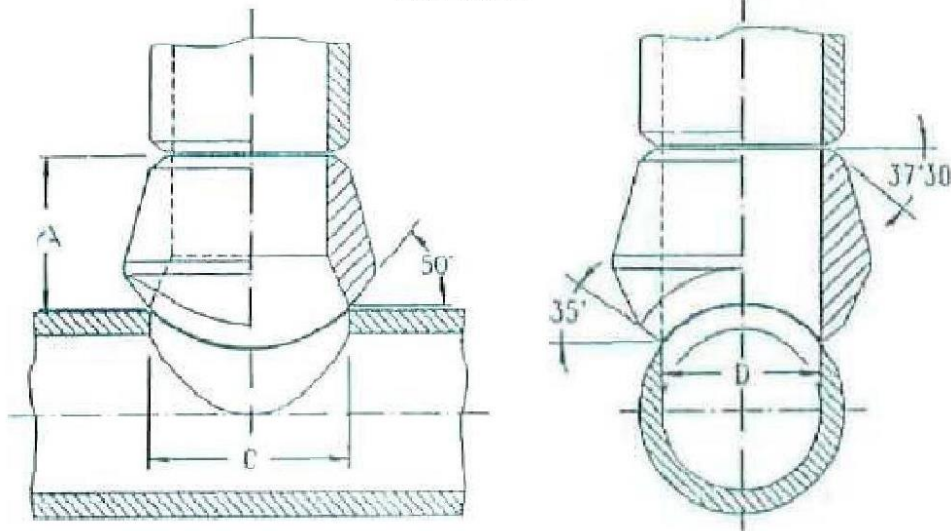
BRANCH SCHEDULE	BRANCH SIZE		1/8"	1/4"	3/8"	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"	2.1/2"	3"	3.1/2"	4"
STD XS	A	MM	17.5	17.5	20.6	25.5	27	33.5	33.5	36	38.1	41.3	44.5	47.6	50.8
		INCH	0.69	0.69	0.81	1	1.06	1.32	1.32	1.42	1.5	1.63	1.75	1.87	2.00
	C	MM	15.8	15.8	19	23.8	30	36.5	44.5	50.8	65	76.2	93.6	101.6	120.8
		INCH	0.62	0.62	0.75	0.94	1.18	1.44	1.75	2	2.56	3	3.68	4	4.76
160	A	MM				28.5	31.7	38.1	44.5	50.8	55.5	61.9	73		84.1
		INCH				1.12	1.25	1.5	1.75	2	2.18	2.44	2.87		3.31
XXS	C	MM				14.3	19	25.4	33.3	38.1	42.8	54	73		98.4
		INCH				0.56	0.75	1	1.31	1.5	1.68	2.13	2.87		3.87

DIMENSIONS IN INCHES
WEIGHTS: SEE APPENDIX PAGE 8

IN ACCORDANCE WITH ANSI-ASME 31.1
ANSI-ASME 31.3 / MSS SP 97
BUTT WELD PARTS: ANSI-ASME B 16.9

STEEL FITTINGS FOR HIGH PRESSURE SERVICE

BUTT WELD FULL SIZE



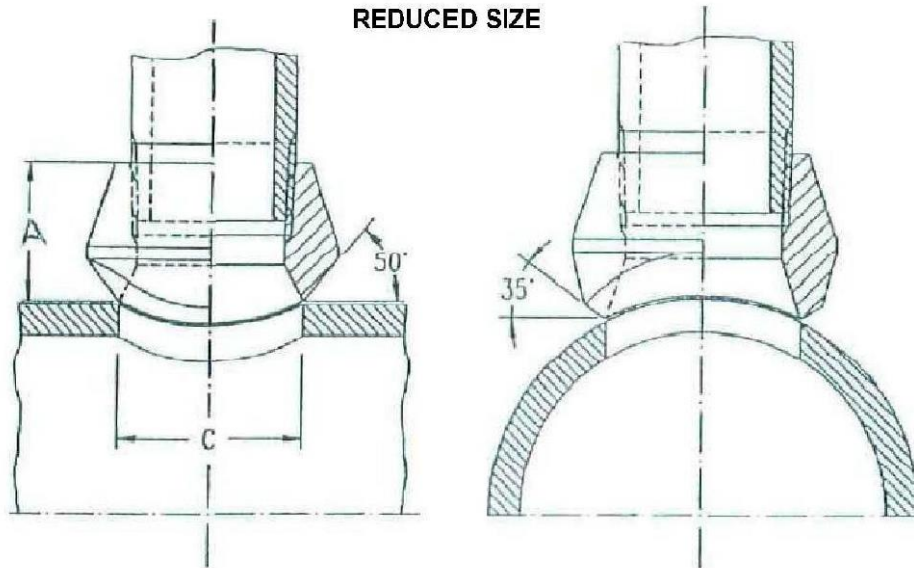
BRANCH SCHEDULE	BRANCH SIZE		1/2"	3/4"	1"	1.1/4"	1.1/2"	2"	2.1/2"	3"	3.1/2"	4"
STD	A	MM	25.5	27	33.5	33.5	36	38.1	41.3	44.5	50.8	50.8
		INCH	1	1.06	1.32	1.32	1.42	1.5	1.63	1.75	2	2
	C	MM	23.8	30	36.5	44.5	50.8	65	76.2	93.6	101.6	120.6
		INCH	0.94	1.18	1.44	1.75	2	2.56	3	3.68	4	4.75
	D	MM	15.8	20.6	25.2	35	41.3	52.4	62	77.8	90.5	101.6
		INCH	0.62	0.81	1.03	1.38	1.63	2.06	2.44	3.06	3.56	4
XS	A	MM	25.5	27	33.5	33.5	36	38.1	41.3	44.5	47.63	50.8
		INCH	1	1.06	1.32	1.32	1.42	1.5	1.62	1.75	1.87	2
	C	MM	23.8	30.1	36.5	44.5	50.8	65	76.2	93.6	101.6	120.6
		INCH	0.94	1.18	1.44	1.75	2	2.56	3	3.68	4	4.75
	D	MM	15.8	20.6	26.2	35	41.3	52.4	62	77.8	90.5	101.6
		INCH	0.62	0.81	1.03	1.38	1.63	2.06	2.44	3.06	3.56	4
160 XXS	A	MM	28.6	31.7	38.1	44.5	50.8	55.5	61.9	73		84.1
		INCH	1.13	1.25	1.5	1.75	2	2.18	2.44	2.87		3.31
	C	MM	14.3	19	25.4	33.4	38.1	42.8	54	73		98.4
		INCH	0.56	0.75	1	1.31	1.5	1.68	2.12	2.87		3.87
	D	MM	14.3	19	25.4	33.4	38.1	42.6	54	73		98.4
		INCH	0.56	0.75	1	1.31	1.5	1.68	2.13	2.87		3.87

DIMENSIONS IN INCHES
WEIGHTS: SEE APPENDIX PAGE 8

IN ACCORDANCE WITH **ANSI-ASME 31.1**
ANSI-ASME 31.3 / MSS SP 97
BUTT WELD PARTS: ANSI-ASME B 16.9

STEEL FITTINGS FOR HIGH PRESSURE SERVICE

THREADED REDUCED SIZE



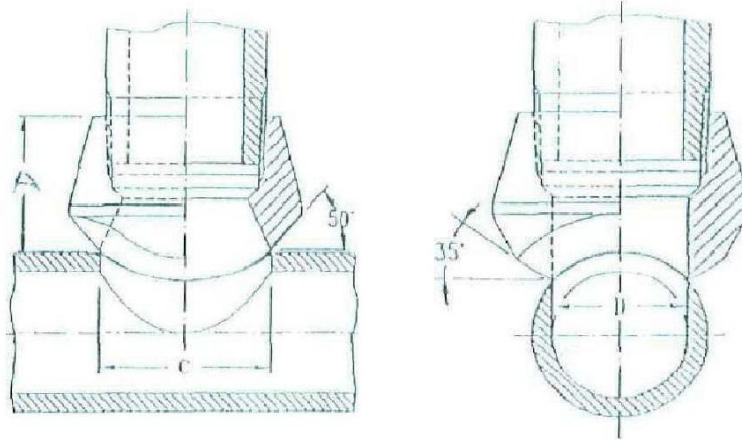
CLASS DESIGN.	BRANCH SIZE		1/4"	3/8"	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"	2.1/2"	3"	3.1/2"	4"
3000	A	MM	17.5	20.6	25.4	27	33.5	33.5	36	38.1	46	51	54	57
		INCH	0.69	0.81	1	1.06	1.32	1.32	1.42	1.5	1.81	2.01	2.13	2.24
	C	MM	15.8	19	23.8	30.1	36	44	51	65	76	93	101	120
		INCH	0.62	0.75	0.94	1.18	1.42	1.73	2.01	2.56	2.99	3.66	3.98	4.72
6000	A	MM			32	37	40	42	43	59				
		INCH			1.26	1.46	1.57	1.65	1.69	2.32				
	C	MM			19	25	33	38	49	58.5				
		INCH			0.75	0.98	1.3	1.5	1.93	2.3				

DIMENSIONS IN INCHES
WEIGHTS: SEE APPENDIX PAGE 8

IN ACCORDANCE WITH ANSI-ASME 31.1
ANSI-ASME 31.3 / MSS SP 97
THREADS: ANSI-ASME B 1.20.1

STEEL FITTINGS FOR HIGH PRESSURE SERVICE

THREADED FULL SIZE

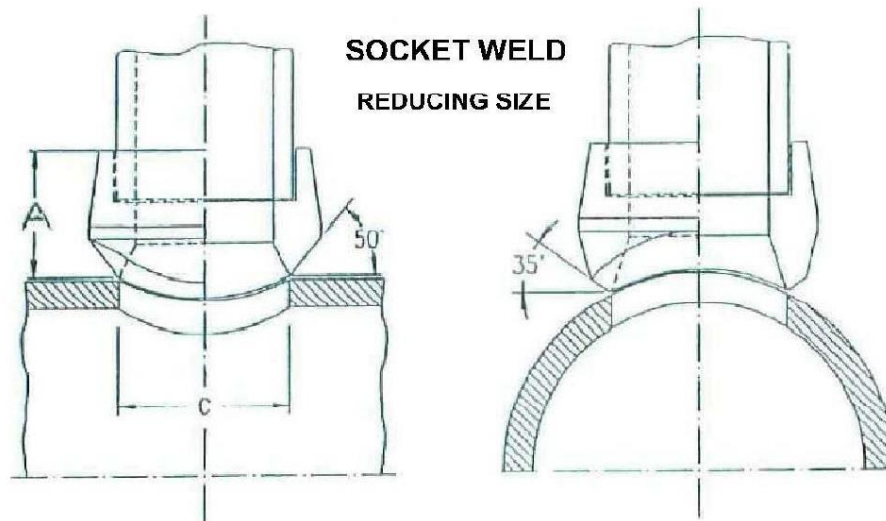


CLASS DESIGN.	BRANCH SIZE		1/2"	3/4"	1"	1.1/4"	1.1/2"	2"	2.1/2"	3"	3.1/2"	4
3000	A	MM	25.4	27	33.3	33.3	35	38.1	46	50.8	54	57.1
		INCH	1	1.05	1.31	1.31	1.38	1.5	1.81	2	2.13	2.25
	C	MM	23.8	30	36.5	44.5	50.8	65	76.2	93.6	112.7	120.6
		INCH	0.94	1.18	1.44	1.75	2	2.56	3	3.68	4.44	4.75
	D	MM	15.8	20.6	27	35	41.3	52.4	63.5	77.8	90.5	103.2
		INCH	0.62	0.81	1.06	1.38	1.63	2.06	2.5	3.06	3.56	4.06

DIMENSIONS IN INCHES
WEIGHTS:SEE APPENDIX PAGE 8

IN ACCORDANCE WITH **ANSI-ASME 31.1**
ANSI-ASME 31.3 / MSS SP 97
THREADS: ANSI-ASME B 1.20.1

STEEL FITTINGS FOR HIGH PRESSURE SERVICE



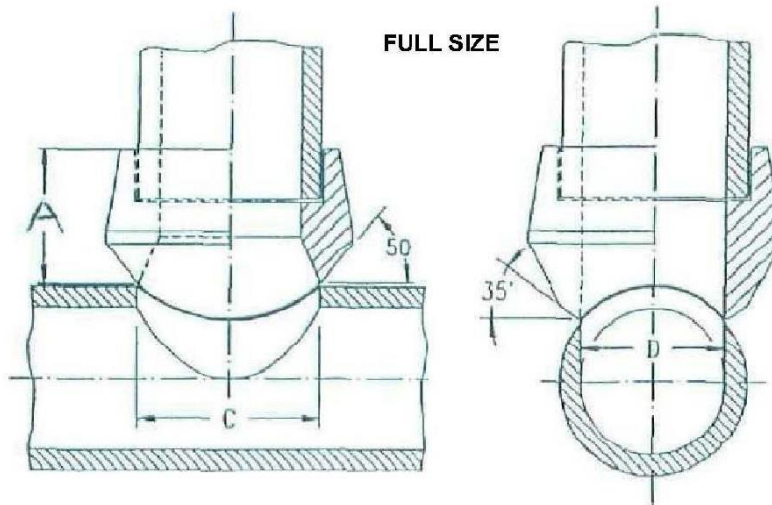
CLASS DESIGN.	BRANCH SIZE	BRANCH SIZE		1/4"	3/8"	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"	2.1/2"	3"	3.1/2"	4"
3000	STD	A	MM	17.5	20.5	25.4	27	33.5	33.5	36	38	46	51	54	57
			INCH	0.69	0.81	1	1.06	1.32	1.32	1.42	1.5	1.81	2.01	2.13	2.24
		C	MM	15.8	19	23.8	30	36.5	44.5	51	65	76	96	101	120
			INCH	0.62	0.75	0.94	1.18	1.44	1.75	2.01	2.56	2.99	3.66	3.98	4.72
6000	160	A	MM			32	36.5	40	42	43	59				
			INCH			1.26	1.44	1.57	1.65	1.69	2.32				
		C	MM			19	25	33	38	43	58.5				
			INCH			0.75	0.98	1.3	1.5	1.69	2.3				
9000	XXS	A	MM			38	44	45		58	59				
			INCH			1.5	1.73	1.77		2.28	2.32				
		C	MM			12	19	25		38	58				
			INCH			0.47	0.75	0.98		1.5	2.28				

DIMENSIONS IN INCHES
WEIGHTS:SEE APPENDIX PAGE 8

IN ACCORDANCE WITH ANSI-ASME B 16.11
ANSI-ASME B 31.1
ANSI-ASME B 31.3 / MSS SP 97

STEEL FITTINGS FOR HIGH PRESSURE SERVICE

SOCKET WELD



BRANCH SCHEDULE	BRANCH SIZE		1/2"	3/4"	1	1.1/4"	1.1/2"	2"	2.1/2"	3"	3.1/2"	4
3 0 0 0		MM	25.4	27	33.3	33.3	35	38.1	46	50.8	54	57.2
		INCH	1	1.06	1.31	1.31	1.38	1.5	1.81	2	2.13	2.25
		MM	23.8	30.1	36.5	44.5	50.8	65.1	76.2	93.7	101.6	120.6
		INCH	0.94	1.18	1.44	1.75	2	2.56	3	3.69	4	4.75
		MM	15.8	21	27	35	41.3	52.5	62.7	78	90.1	102.3
		INCH	0.62	0.83	1.06	1.38	1.63	2.07	2.47	3.07	3.56	4.03

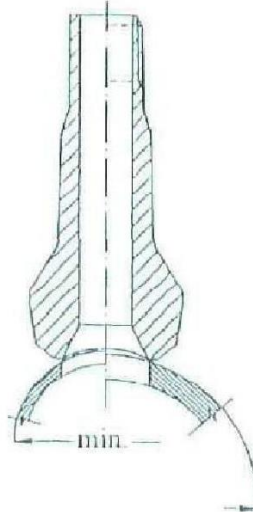
DIMENSIONS IN INCHES
WEIGHTS:SEE APPENDIX PAGE 8

IN ACCORDANCE WITH **ANSI-ASME B 16.11**
ANSI-ASME B 31.1
ANSI-ASME B 31.3 / MSS SP 97

STEEL FITTINGS FOR HIGH PRESSURE SERVICE

REINFORCING INSERT LONG - OUTLET

DETERMINING OF OUTLET AND PIPELINE CONNECTIONS



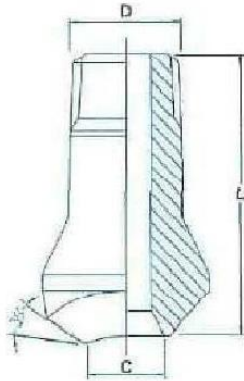
TYPE		SCHEDULE / CLASS DESIGNATION				
BUTT WELD END		XS				
THREADED END		3000				
PLANE END		3000				
BRANCH SIZE	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"
NOMINAL PIPE SIZE	1.1/2"÷6" 8"÷36" flat	1.1/2"÷3" 4"÷36" flat	1.1/2" 2"÷2.1/2" 3"÷5" 6"÷36" flat	2" 3"÷3.1/2" 4"÷5" 6"÷10" 12"÷36" flat	2" 3"÷3.1/2" 4"÷5" 6"÷12" 14"÷36" flat	3" 3.1/2"÷4" 5"÷6" 8"÷12" 14"÷36" flat

TYPE		SCHEDULE / CLASS DESIGNATION				
BUTT WELD END		160-XXS				
THREADED END		6000				
PLANE END		6000				
BRANCH SIZE	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"
NOMINAL PIPE SIZE	1.1/2"÷36" flat	1.1/2"÷36" flat	1.1/2"÷4" 6"÷36" flat	2"÷4" 6"÷36" flat	2"÷4" 6"÷36" flat	3"÷4" 5"÷8" 10"÷36" flat

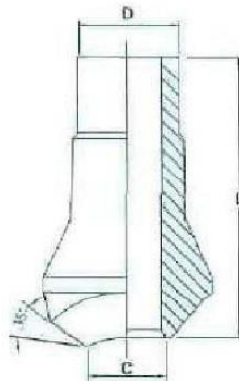
STEEL FITTINGS FOR HIGH PRESSURE SERVICE

REINFORCING INSERT LONG - OUTLET

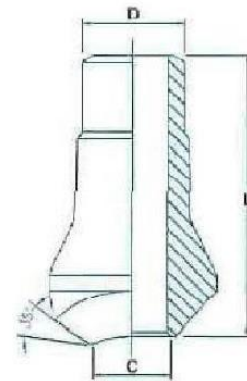
THREADED END



PLANE END



BUTT WELD



CLASS DESIGN.	BRANCH SIZE	BRANCH SIZE							
			1/2"	3/4"	1"	1.1/4"	1.1/2"	2"	
3000	XS	D	MM	21.33	26.67	33.4		48.26	60.32
			INCH	0.84	1.05	1.31	1.66	1.9	2.37
		L	MM			89			
			INCH			3.5			
		C	MM	23.8	30	36.5	44.5	50.8	65
			INCH	0.94	1.18	1.44	1.75	2	2.56
6000	160	D	MM	21.33	26.67	33.4	42.16	48.26	60.32
			INCH	0.84	1.05	1.31	1.66	1.9	2.37
		L	MM			89			
			INCH			3.5			
		C	MM	14.2	19	25.4	33.3	38.1	42.8
			INCH	0.56	0.75	1	1.31	1.5	1.68

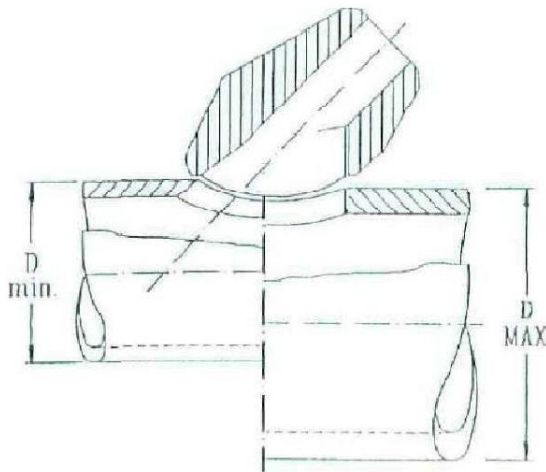
DIMENSIONS IN INCHES
WEIGHTS:SEE APPENDIX PAGE 8

DIMENSIONS AND TOLLERANCES OF SIZE "S" ARE IN
IN ACCORDANCE WITH ANSI-ASME B 36.10
ANSI-ASME B 36.19
ANSI-ASME B 31.1
ANSI-ASME B 31.3

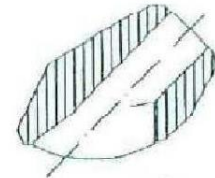
THREADS :ANSI-ASME B 1.20.1

STEEL FITTINGS FOR HIGH PRESSURE SERVICE

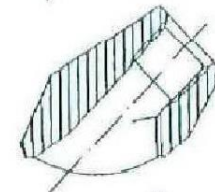
LATERAL OUTLET REDUCING INSERT



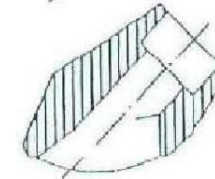
BUTT WELD



THREADED



SOCKET WELD

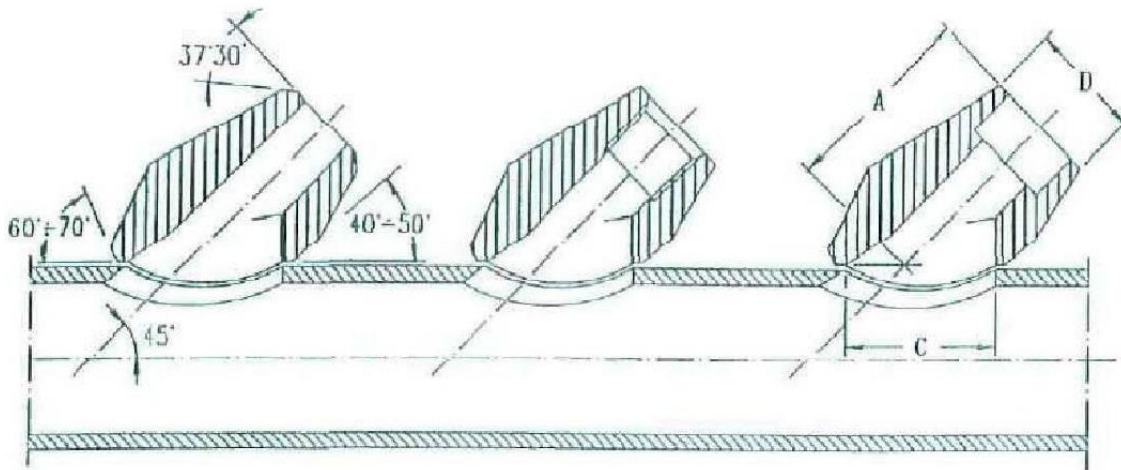


REINFORCING INSERT LONG - OUTLET

TYPE		SCHEDULE / CLASS DESIGNATION						
BUTT WELD		STD-XS						
THREADED		3000						
SOCKET WELD		3000						
BRANCH SIZE	1/4"	3/8"	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"
NOMINAL PIPE SIZE	1.1/4"÷2.1/2" 3"÷12"	1.1/4"÷2.1/2" 3"÷12"	1.1/4"÷2.1/2" 3"÷12"	1.1/4"÷1.1/2" 2"÷5" 6"÷12"	2"÷2.1/2" 3"÷5" 6"÷12"	2"÷2.1/2" 3"÷5" 6"÷12"	2"÷2.1/2" 3"÷5" 6"÷12"	4"÷5" 6"÷8" 10"÷12"
TYPE		SCHEDULE / CLASS DESIGNATION						
BUTT WELD END		160-XXS						
THREADED END		6000						
PLANE END		6000						
BRANCH SIZE	1/4"	3/8"	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"
NOMINAL PIPE SIZE	1.1/4"÷2.1/2" 3"÷12"	1.1/4"÷2.1/2" 3"÷12"	1.1/4"÷1.1/2" 2"÷5" 6"÷12"	2"÷2.1/2" 3"÷5" 6"÷12"	2"÷2.1/2" 3"÷5" 6"÷12"	2"÷2.1/2" 3"÷5" 6"÷12"	4"÷5" 6"÷8" 10"÷12"	

STEEL FITTINGS FOR HIGH PRESSURE SERVICE

LATERAL OUTLET REDUCING INSERT



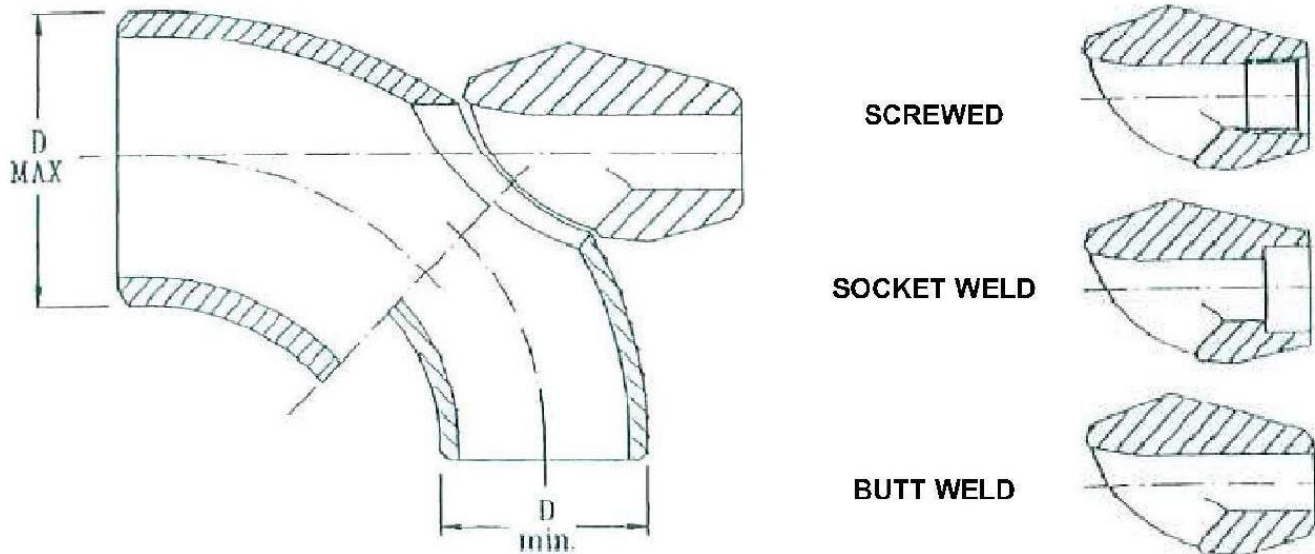
CLASS DESIGN.	NOMINAL SIZE		1/4"	3/8"	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"
3000	A	MM	39.7	39.7	41	47	56	67	67	81
		INCH	1.56	1.56	1.61	1.85	2.2	2.64	2.64	3.19
	C	MM	36.5	36.5	34	43	53	76	76	102
		INCH	1.44	1.44	1.34	1.69	2.09	2.99	2.99	4.01
	D	MM	31.8	31.8	31.8	35.7	45.2	57.1	63.5	82.6
		INCH	1.25	1.25	1.25	1.41	1.78	2.25	2.5	3.25
6000	A	MM	39.7	39.7	47	56	67	67	81	
		INCH	1.56	1.56	1.85	2.2	2.64	2.64	3.19	
	C	MM	36.5	36.5	43	53	76	76	102	
		INCH	1.44	1.44	1.69	2.09	2.99	2.99	4.02	
	D	MM	31.8	31.8	38.1	45.2	57.1	63.5	82.6	
		INCH	1.25	1.25	1.5	1.78	2.25	2.5	3.25	

DIMENSIONS IN INCHES
WEIGHTS:SEE APPENDIX PAGE 8

IN ACCORDANCE WITH ANSI-ASME B 16.11
ANSI-ASME B 16.9
ANSI-ASME B 31.1
ANSI-ASME B 31.3
THREADS :ANSI-ASME B 1.20.1

STEEL FITTINGS FOR HIGH PRESSURE SERVICE

90° ELBOW OUTLET REDUCING INSERT



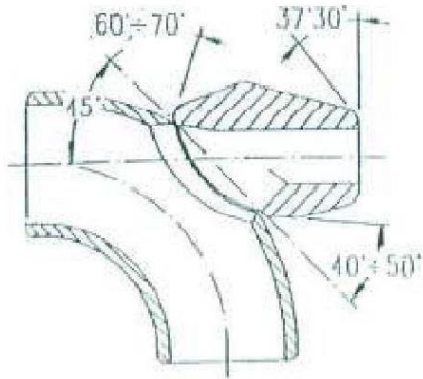
DETERMINING OF OUTLET AND PIPELINE CONNECTIONS

TYPE		SCHEDULE /CLASS DESIGNATION						
BUTT WELD		STD-XS						
THREADED		3000						
SOCKET WELD		3000						
BRANCH SIZE	1/4"	3/8"	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"
NOMINAL PIPE SIZE	1.1/4"+36"	1.1/4"+36"	1.1/4"+36"	1.1/4"+36"	2"+36"	2"+36"	2"-36"	2"+36"

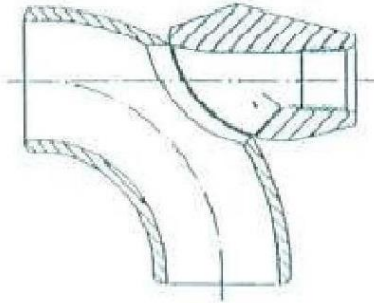
TYPE		SCHEDULE /CLASS DESIGNATION						
BUTT WELD		160 -XXS						
THREADED		6000						
SOCKET WELD		6000						
BRANCH SIZE	1/4"	3/8"	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"
NOMINAL PIPE SIZE	1.1/4"+36"	1.1/4"+36"	1.1/4"+36"	2"+36"	2"+36"	2"+36"	3"+36"	

STEEL FITTINGS FOR HIGH PRESSURE SERVICE

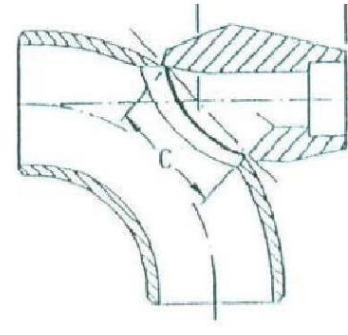
ELBOW OUTLET REDUCING INSERT



BUTT WELD



SCREWED



SOCKET WELD

CLASS DESIGN.	NOMINAL SIZE		1/4"	3/8"	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"
3000	A	MM	38.1	38.41	47	56	67	67	81	
		INCH	1.5	1.5	1.61	1.85	2.2	2.63	2.63	3.18
	C	MM	38.1	38.1	34	43	53	76	76	102
		INCH	1.5	1.5	1.33	1.69	2.08	2.99	2.99	4.01
	D	MM	31.8	31.8	31.8	35.7	45.2	57.1	63.5	82.6
		INCH	1.25	1.25	1.25	1.4	1.78	2.24	2.5	3.25
6000	A	MM	38.1	38.1	47	56	67	67	81	
		INCH	1.5	1.5	1.85	2.2	2.64	2.64	3.19	
	C	MM	38.1	38.1	43	53	76	76	102	
		INCH	1.5	1.5	1.69	2.09	2.99	2.99	4.02	
	D	MM	31.8	31.8	38.1	45.2	57.1	63.5	82.6	
		INCH	1.25	1.25	1.5	1.78	2.25	2.5	3.25	

DIMENSIONS IN INCHES
WEIGHTS:SEE APPENDIX PAGE 8

IN ACCORDANCE WITH ANSI-ASME B 16.11
ANSI-ASME B 16.9
ANSI-ASME B 31.1
ANSI-ASME B 31.3
ANSI-ASME B 16.25
THREADS :ANSI-ASME B 1.20.1