

FITTINGS

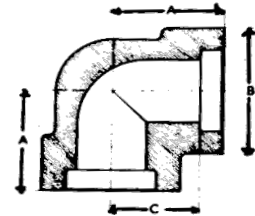
Types, Dimensions and Weights of Forged Steel Fittings - 3000 Lb Series

ANSI B16.11 - ASTM - A 105

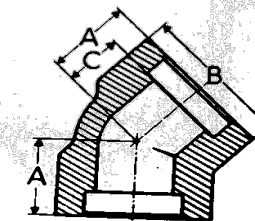
SOCKET WELD

Inches Nominal Pipe Size	A		B		C		APPROXIMATE WEIGHT	
	mm	inches	mm	inches	mm	inches	Kg.	Lbs
1/4	20,5	13/16	22,0	7/8	11,5	15/32	0,065	9/64
3/8	24,5	31/32	26,5	1 1/16	13,0	17/32	0,130	9/32
1/2	28,5	1 1/8	34,0	1 11/32	15,5	5/8	0,230	1/2
3/4	33,5	1 5/16	38,5	1 1/2	18,5	3/4	0,300	21/32
1	38,0	1 1/2	46,5	1 27/32	22,0	7/8	0,490	1 1/16
1 1/4	44,5	1 3/4	56,5	2 7/32	27,0	1 1/16	0,760	1 11/16
1 1/2	51,0	2	62,5	2 15/32	32,0	1 9/32	1,050	2 5/16
2	60,5	2 3/8	76,0	3	38,0	1 1/2	1,730	3 13/16
2 1/2	63,5	2 1/2	92,0	3 5/8	41,0	1 5/8	2,550	5 5/8
3	82,5	3 1/4	110,0	4 11/32	57,0	2 1/4	4,000	8 13/16
4	114,5	4 1/2	152,0	6	67,0	2 21/32	14,300	31 1/2
1/4	22,5	7/8	34,0	1 11/32	9,5	3/8	0,195	7/16
3/8	22,5	7/8	34,0	1 11/32	9,5	3/8	0,180	13/32
1/2	22,5	7/8	34,0	1 11/32	12,0	15/32	0,170	3/8
3/4	25,0	63/64	38,5	1 1/2	12,0	15/32	0,230	1/2
1	28,5	1 1/8	46,5	1 27/32	14,5	19/32	0,345	3/4
1 1/4	33,5	1 5/16	56,5	2 7/32	17,5	11/16	0,650	1 7/16
1 1/2	38,0	1 1/2	62,5	2 15/32	21,0	13/16	0,795	1 3/4
2	41,5	1 5/8	76,0	3	25,5	1	1,200	2 5/8
2 1/2	50,5	2	92,0	3 5/8	28,5	1 1/8	2,200	4 27/32
3	63,5	2 1/2	122,0	4 13/16	32,0	1 9/32	7,100	15 21/32
4	80,0	3 5/32	152,0	6	42,0	1 21/32	10,300	22 11/16
1/4	24,5	31/32	26,5	1 1/16	11,5	15/32	0,175	3/8
3/8	24,5	31/32	26,5	1 1/16	13,0	17/32	0,155	5/16
1/2	28,5	1 1/8	34,0	1 11/32	15,5	5/8	0,280	5/8
3/4	33,5	1 5/16	38,5	1 1/2	18,5	3/4	0,370	13/16
1	38,0	1 1/2	46,5	1 27/32	22,0	7/8	0,565	1 1/4
1 1/4	44,5	1 3/4	56,5	2 7/32	27,0	1 11/16	0,870	1 15/16
1 1/2	51,0	2	62,5	2 15/32	32,0	1 9/32	1,280	2 13/16
2	60,5	2 3/8	76,0	3	38,0	1 1/2	1,795	4
2 1/2	63,5	2 1/2	92,0	3 5/8	41,0	1 5/8	2,845	6 1/4
3	82,5	3 1/4	110,0	4 11/32	57,0	2 1/4	5,500	12 1/8
4	114,5	4 1/2	152,0	6	67,0	2 21/32	20,000	44 1/6
1/4	42,0	1 21/32	36,0	1 7/16	9,5	3/8	0,150	11/32
3/8	47,0	1 27/32	41,0	1 5/8	9,5	3/8	0,220	1/2
1/2	52,0	2 1/16	46,0	1 13/16	9,5	3/8	0,380	27/32
3/4	57,0	2 1/4	56,0	2 7/32	13,0	1/2	0,460	1
1	63,0	2 15/32	65,0	2 9/16	13,0	1/2	0,700	1 9/16
1 1/4	72,0	2 27/32	78,0	3 1/16	13,0	1/2	1,200	2 5/8
1 1/2	78,0	3 1/16	86,0	3 13/32	13,0	1/2	1,500	3 5/16
2	89,0	3 1/2	103,0	4 1/16	16,0	5/8	2,575	5 11/16
2 1/2	114,0	4 1/2	122,0	4 13/16	16,0	5/8	6,100	13 7/16
3	130,0	5 1/8	144,0	5 11/16	16,0	5/8	8,800	19 3/8
4	150,0	5 29/32	180,0	7 3/32	20,0	25/32	13,500	29 3/4

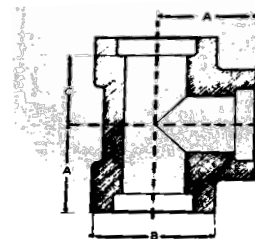
90° ELBOWS



45° ELBOWS



TEES



FEMALE-FEMALE UNIONS

