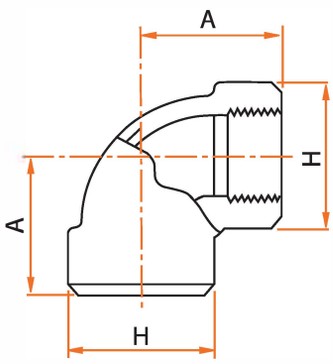
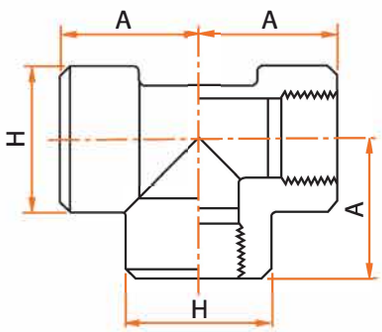
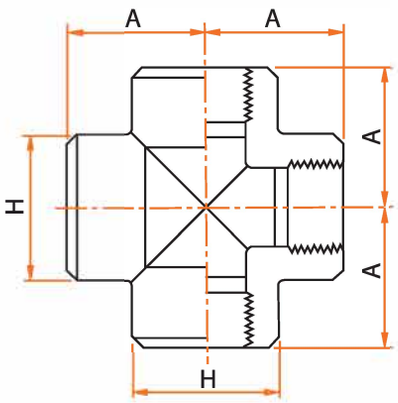


90° ELBOWS



TEES

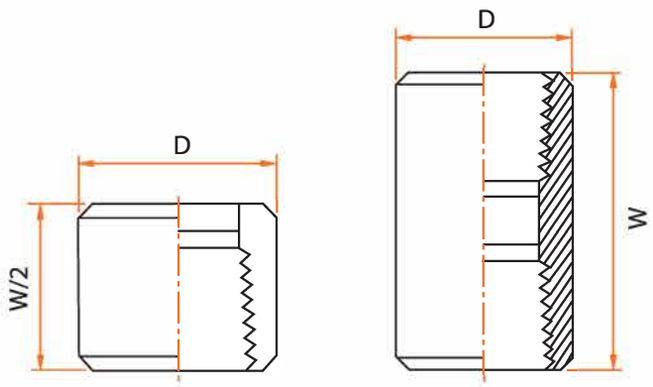


CROSSES

ASME B16.11

Ölçüler | Dimensions

Ölçü Size	3000 Lb.			6000 Lb.		
	A	H	G	A	H	G
1/8"	21	22	3,0	25	25	6,5
1/4"	25	25	3,5	29	33	6,5
3/8"	29	33	3,5	33	38	7,0
1/2"	33	38	4,0	38	46	8,0
3/4"	38	46	4,5	44	56	8,5
1"	44	56	5,0	51	62	10,0
1 1/4"	51	62	5,5	60	75	10,5
1 1/2"	60	75	5,5	64	84	11,0
2"	64	84	7,0	83	102	12,0
2 1/2"	83	102	7,5	95	121	15,5
3"	95	121	9,0	106	146	16,5
4"	114	152	11,0	114	152	18,5

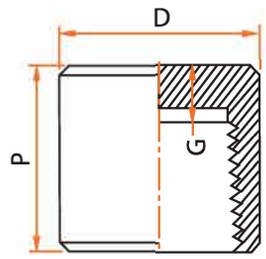


HALF COUPLING COUPLING

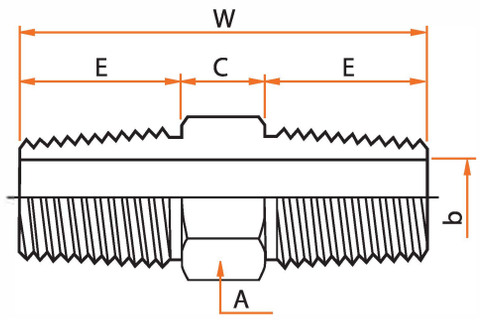
ASME B16.11

Ölçüler | Dimensions

Ölçü Size	3000 Lb.		6000 Lb.	
	W	D	W	D
1/8"	32	16	32	22
1/4"	35	19	35	25
3/8"	38	22	38	32
1/2"	48	29	48	38
3/4"	51	35	51	44
1"	60	44	60	57
1 1/4"	67	57	67	64
1 1/2"	79	64	79	76
2"	86	76	86	92
2 1/2"	92	92	92	108
3"	108	108	108	127
4"	121	140	121	159



CAP



HEXAGONAL NIPPEL

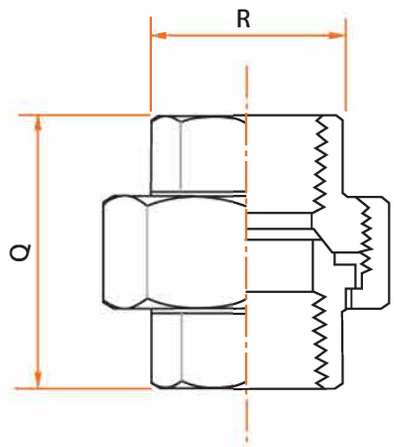
ASME B16.11

Ölçüler | Dimensions

Ölçü Size	3000 Lb.								6000 Lb.							
	NIPPEL					CAP			NIPPEL					CAP		
	A	E	C	W	b	D	P	G	A	E	C	W	b	D	P	G
1/8"	11	10	6	26	5	16	19	5,0	11	10	6	26	2	22	27	6,4
1/4"	15	15	6	36	8	19	25	5,0	15	15	6	36	6	25	27	6,5
3/8"	18	16	8	40	11	22	25	5,0	18	16	8	40	8	32	27	6,5
1/2"	22	20	8	48	14	29	32	6,5	22	20	8	48	11	38	33	8,0
3/4"	27	21	10	52	19	35	37	6,5	27	21	10	52	13	44	38	8,0
1"	35	25	10	60	24	44	41	9,5	35	25	10	60	17	57	43	11,0
1 1/4"	46	26	14	66	32	57	44	9,5	45	26	14	66	24	64	46	11,0
1 1/2"	50	26	16	68	38	64	44	11,0	50	26	16	68	30	76	48	12,5
2"	62	27	17	71	49	76	48	12,5	62	27	17	71	39	92	51	16,0
2 1/2"	75	37	20	94	58	92	60	16,0	76	37	20	94	52	108	64	19,0
3"	90	40	22	102	73	108	65	19,0	93	40	22	102	59	127	68	22,0
4"	115	43	24	110	96	140	68	22,0	119	43	24	110	80	159	75	28,5

Dişi Rakor Femelle - Femelle | Female- Female Unions

SERİ 3000 - 6000 | CLASS 3000 - 6000



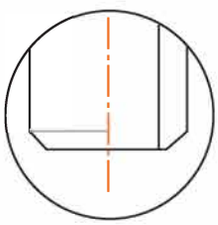
Diş
ASME B 1.20.1 - 1983
Threaded according to;
ASME B 1.20.1 - 1983

Ölçüler | Dimensions

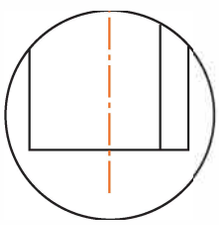
Ölçü Size	Class 3000		Class 6000	
	Q mm	R mm	Q mm	R mm
1/4"	42,5	36,0	54,0	46,0
3/8"	47,5	41,0	57,0	51,0
1/2"	52,0	46,0	69,0	60,0
3/4"	57,0	56,0	72,0	72,0
1"	63,0	65,0	80,0	80,0
1 1/4"	68,0	80,0	89,0	94,0
1 1/2"	78,0	88,0	108,0	100,0
2"	91,0	105,0	114,0	122,0
2 1/2"	120,0	122,0	130,0	144,0
3"	120,0	144,0	150,0	180,0
4"	148,0	200,0		

Sıkma Nipel | Swedge Nipples

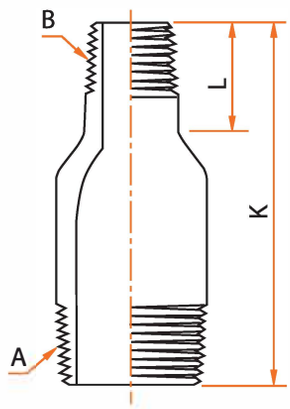
SERİ 3000 - 6000 | CLASS 3000 - CLASS 6000



Alın Kaynağı Ucu
ASME B 16-25 - 1997
Buttwelding end according to ASME B16-25 - 1997



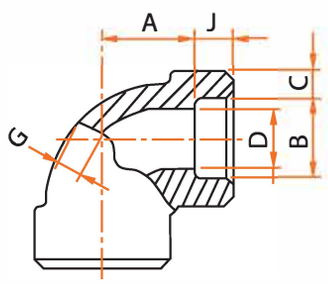
Kare Kesimli Düz Uç
Cut square plain end



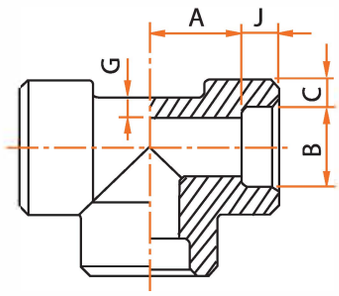
Dişli Uçlar
ASME B 1.20.1 - 1983
Threaded ends according to; ASME B 1.20.1 - 1983

Ölçüler | Dimensions

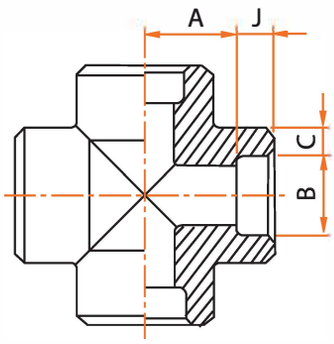
Ölçü Size	Class 3000 - Class 6000		Kalınlık ANSI / ASME B 36.10 M Thickness according to ASME B 36.10 M - 1996		
	K mm	L mm			
3/8" x 1/4"	76	20	Sch 40	Sch 80	-
1/2" x 3/8"	89	20	Sch 40	Sch 80	-
1/2" x 1/4"	89	20	Sch 40	Sch 80	-
3/4" x 1/2"	95	21	Sch 40	Sch 80	Sch 160
3/4" x 3/8"	95	21	Sch 40	Sch 80	-
1" x 3/4"	102	22	Sch 40	Sch 80	Sch 160
1" x 1/2"	102	22	Sch 40	Sch 80	Sch 160
1 1/4" x 1"	102	25	Sch 40	Sch 80	Sch 160
1 1/2" x 1 1/4"	114	25	Sch 40	Sch 80	Sch 160
1 1/2" x 1"	114	25	Sch 40	Sch 80	Sch 160
1 1/2" x 3/4"	114	25	Sch 40	Sch 80	Sch 160
2" x 1 1/2"	165	30	Sch 40	Sch 80	Sch 160
2" x 1 1/4"	165	30	Sch 40	Sch 80	Sch 160
2" x 1"	165	30	Sch 40	Sch 80	Sch 160
2 1/2" x 2"	178	35	Sch 40	Sch 80	Sch 160
3" x 2"	203	40	Sch 40	Sch 80	Sch 160
4" x 3"	230	45	Sch 40	Sch 80	Sch 160
4" x 2"	230	45	Sch 40	Sch 80	Sch 160



ELBOWS



TEES

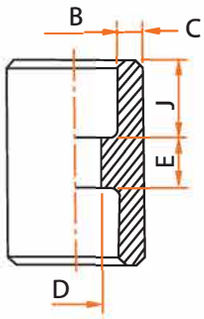


CROSSES

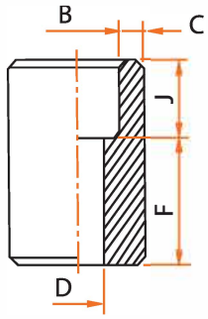
ASME B16.11

Ölçüler | Dimensions

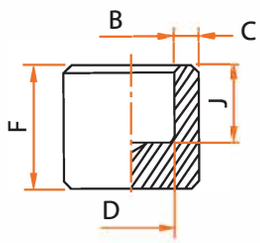
Ölçü Size	3000 Lb.						6000 Lb.					
	A	B	C	D	J	G	A	B	C	D	J	G
1/8"	11,00	11,15	3,20	7,6	10	2,40	11,00	11,15	3,95	4,8	10	3,15
1/4"	11,00	14,60	3,80	10,0	10	3,00	13,50	14,60	4,60	7,1	10	3,70
3/8"	13,50	18,05	4,00	13,3	10	3,20	15,50	18,05	5,05	9,9	10	4,00
1/2"	15,50	22,20	4,65	16,6	10	3,75	19,50	22,20	5,95	12,5	10	4,80
3/4"	19,50	27,55	4,90	21,7	13	3,90	22,50	27,55	6,95	16,3	13	5,55
1"	22,00	34,30	5,70	27,4	13	4,55	27,00	34,30	7,90	21,5	13	6,35
1 1/4"	27,00	43,05	6,05	35,8	13	4,85	32,00	43,05	7,90	30,2	13	6,35
1 1/2"	32,00	49,15	6,35	41,7	13	5,10	38,00	49,15	8,90	34,7	13	7,15
2"	38,00	61,60	6,95	53,5	16	5,55	41,00	61,60	10,90	43,6	16	8,75
2 1/2"	41,50	74,45	8,75	64,2	16	7,00	57,20	74,45			16	
3"	57,50	90,40	9,50	79,5	16	7,60	63,50	90,40			16	
4"	66,50	116,05	10,70	103,8	19	8,55	71,50	116,05			19	



COUPLINE



HALF COUPLINE



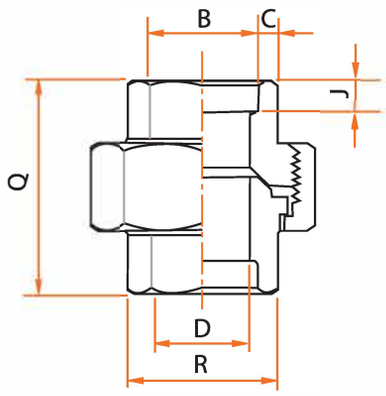
CAP

ASME B16.11

Ölçüler | Dimensions

Ölçü Size	3000 Lb.						6000 Lb.					
	B	C	D	J	E	F	B	C	D	J	E	F
1/8"	11,15	3,20	7,6	10	6,5	16,0	11,15	3,95	4,8	10	4,5	16,0
1/4"	14,60	3,80	10,0	10	6,5	16,0	14,60	4,60	7,1	10	6,5	16,0
3/8"	18,05	4,00	13,3	10	6,0	17,5	18,05	5,05	9,9	10	6,0	17,5
1/2"	22,20	4,65	16,6	10	9,5	22,5	22,20	5,95	12,5	10	9,5	22,5
3/4"	27,55	4,90	21,7	13	9,5	23,5	27,55	6,95	16,3	13	9,5	23,5
1"	34,30	5,70	27,4	13	13,0	29,0	34,30	7,90	21,5	13	13,0	29,0
1 1/4"	43,05	6,05	35,8	13	13,0	30,0	43,05	7,90	30,2	13	13,0	30,0
1 1/2"	49,15	6,35	41,7	13	13,0	32,0	49,15	8,90	34,7	13	13,0	32,0
2"	61,60	6,95	53,5	16	19,0	41,0	61,60	10,90	43,6	16	19,0	41,0
2 1/2"	74,45	8,75	64,2	16	19,0	42,5	74,45			16	19,0	42,5
3"	90,40	9,50	79,5	16	19,0	44,5	90,40			16	19,0	44,5
4"	116,05	10,70	103,8	19	19,0	47,5	116,05			19	19,0	47,5

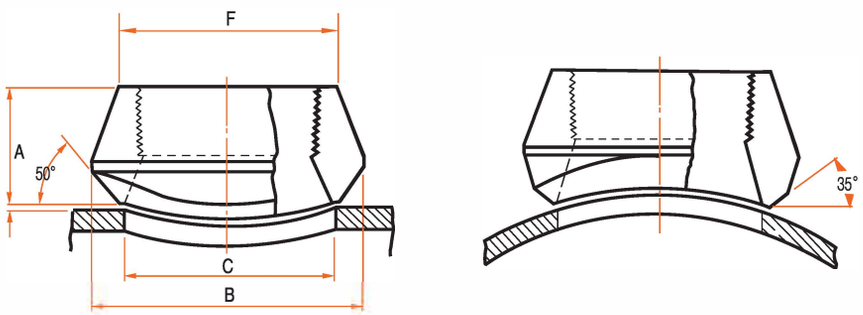
SERİ 3000 - 6000 | CLASS 3000 - CLASS 6000



ASME B16.11 - 1996
Socket welding end and according to;
ASME B16.11 - 1996

Ölçüler | Dimensions

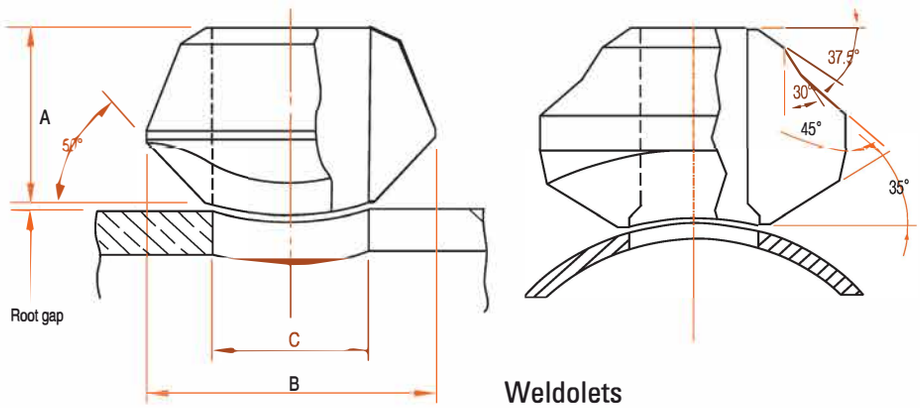
Ölçü Size	Class 3000		Class 6000	
	Q mm	R mm	Q mm	R mm
1/4"	42,5	36,0	54,0	46,0
3/8"	47,5	41,0	57,0	51,0
1/2"	52,0	46,0	69,0	60,0
3/4"	57,0	56,0	72,0	72,0
1"	63,0	65,0	80,0	80,0
1 1/4"	68,0	80,0	89,0	94,0
1 1/2"	78,0	88,0	108,0	100,0
2"	91,0	105,0	114,0	122,0
2 1/2"	120,0	122,0	130,0	144,0
3"	120,0	144,0	150,0	180,0
4"	148,0	200,0	170,0	240,0



Thredolets

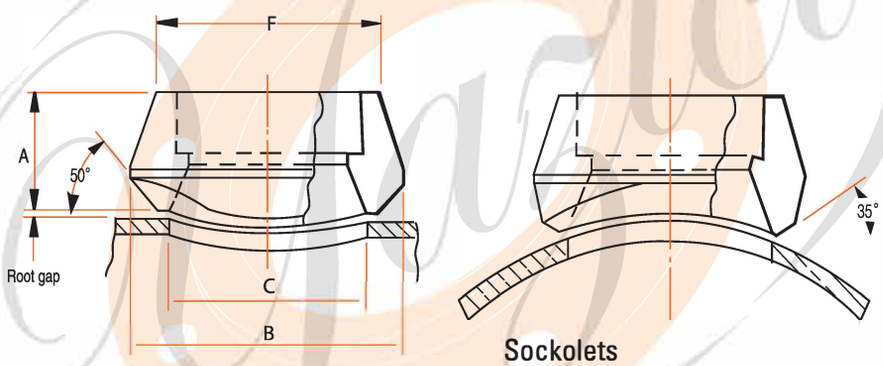
Outlet Size	A		B		C		F		Ağırlık / Weight (kg)	
	3000#	6000#	3000#	6000#	3000#	6000#	3000#	6000#	3000#	6000#
1/2"	25,4	31,8	34,9	44,5	23,8	19,1	31,8	39,7	0,11	0,20
3/4"	27,0	36,5	44,5	50,8	30,2	25,4	36,5	46,0	0,16	0,34
1"	33,3	39,7	54,0	61,9	36,5	33,3	46,0	57,2	0,28	0,56
1 1/4"	33,3	41,3	65,1	69,9	44,5	38,1	55,6	65,1	0,41	0,71
1 1/2"	34,9	42,9	73,0	82,6	50,8	49,2	61,9	76,2	0,45	0,89
2"	38,1	52,4	88,9	103,2	65,1	69,9	74,6	92,1	0,80	2,30
2 1/2"	46,0	-	103,2	-	76,2	-	87,3	-	1,36	-
3"	50,8	-	122,2	-	93,7	-	104,8	-	1,98	-
4"	57,2	-	152,4	-	120,7	-	130,2	-	3,22	-

Ağırlıklar yaklaşık olarak verilmiştir. | Weights are approximate.
Ölçüler mm olarak verilmiştir. | Dimensions in mm.



Weldolets

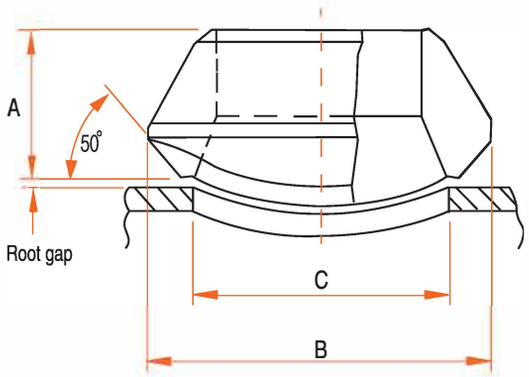
Outlet Size	A		B		C		Ağırlık / Weight (kg)	
	Sch 160	XXS	Sch 160	XXS	Sch 160	XXS	Sch 160	XXS
1/2"	28,6	28,6	34,9	34,9	14,3	14,3	0,11	0,11
3/4"	31,8	31,8	44,5	44,5	19,1	19,1	0,32	0,32
1"	38,1	38,1	50,8	50,8	25,4	25,4	0,38	0,38
1 1/4"	44,5	44,5	61,9	61,9	33,3	33,3	0,57	0,57
1 1/2"	50,8	50,8	69,9	69,9	38,1	38,1	0,80	0,80
2"	55,6	55,6	81,0	81,0	42,9	42,9	1,00	1,00
2 1/2"	61,9	61,9	96,8	96,8	54,0	54,0	1,54	1,54
3"	73,0	73,0	120,7	120,7	73,0	73,0	2,90	2,90
4"	84,1	84,1	152,4	152,4	98,4	98,4	4,80	4,80
5"	93,7	93,7	187,3	187,3	122,2	122,2	6,50	6,50
6"	104,8	104,8	220,7	220,7	146,1	146,1	12,70	12,70
8"	111,1	111,1	284,2	284,2	173,1	173,1	20,50	20,50
10"	125,4	125,4	312,7	312,7	215,9	215,9	38,60	38,60

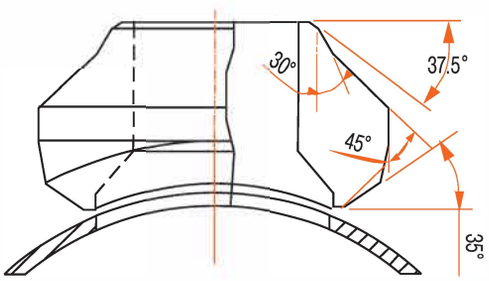


Sockolets

Outlet Size	A		B		C		F		Ağırlık / Weight (kg)	
	3000#	6000#	3000#	6000#	3000#	6000#	3000#	6000#	3000#	6000#
1/2"	25,4	31,8	34,9	44,5	23,8	19,1	31,8	39,7	0,14	0,23
3/4"	27,0	36,5	44,5	50,8	30,2	25,4	36,5	45,2	0,15	0,36
1"	33,3	39,7	54,0	61,9	36,5	33,3	46,0	57,2	0,27	0,59
1 1/4"	33,3	41,3	65,1	69,9	44,5	38,1	55,6	65,1	0,39	0,73
1 1/2"	34,9	42,9	73,0	82,6	50,8	49,2	61,9	76,2	0,47	0,91
2"	38,1	58,7	88,9	103,2	65,1	58,7	74,6	92,1	0,73	2,33
2 1/2"	46,0	-	103,2	-	76,2	-	87,3	-	1,25	-
3"	50,8	-	122,2	-	93,7	-	104,8	-	1,73	-
4"	57,2	-	152,4	-	120,7	-	130,2	-	3,30	-

Ağırlıklar yaklaşık olarak verilmiştir. | Weights are approximate.
Ölçüler mm olarak verilmiştir. | Dimensions in mm.

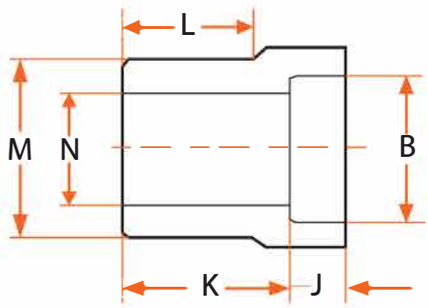




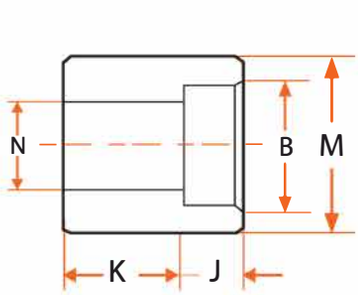
Weldolets

Outlet Size	A		B		C		Ağırlık / Weight (kg)	
	STD	XS	STD	XS	STD	XS	STD	XS
1/2"	19,1	9,1	34,9	34,9	23,8	23,8	0,08	0,09
3/4"	22,2	22,2	44,5	44,5	30,2	30,2	0,11	0,14
1"	27,0	27,0	54,0	54,0	36,5	36,5	0,23	0,21
1 1/4"	31,8	31,8	65,1	65,1	44,5	44,5	0,36	0,41
1 1/2"	33,3	33,3	73,0	73,0	50,8	50,8	0,45	0,50
2"	38,1	38,1	88,9	88,9	65,1	65,1	0,80	0,80
2 1/2"	41,3	41,3	103,2	103,2	76,2	76,2	1,14	1,20
3"	44,5	44,5	122,2	122,2	93,7	93,7	1,82	1,90
4"	50,8	50,8	152,4	152,4	120,7	120,7	2,86	2,90
5"	57,2	57,2	179,4	179,4	141,3	141,3	4,66	4,70
6"	60,3	77,8	215,9	225,9	169,9	169,9	6,45	10,50
8"	69,9	98,5	263,5	292,1	220,7	220,7	10,68	16,80
10"	77,8	93,7	322,3	323,9	274,7	265,1	17,73	20,90
12"	85,7	103,2	377,8	379,4	325,4	317,5	26,82	27,70
14"	88,9	100,0	409,6	431,8	357,2	350,8	30,00	31,80
16"	93,7	106,4	463,6	466,7	408,0	403,2	34,10	46,40
18"	96,8	111,1	520,7	523,9	458,8	455,6	44,10	59,10
20"	101,6	119,1	571,5	582,6	508,30	509,6	53,60	71,80
24"	115,9	139,7	689,0	708,0	614,4	638,2	100,00	121,80
26"	119,1	146,1	738,2	765,2	666,8	692,2	120,50	159,10

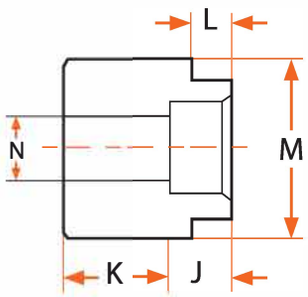
Ağırlıklar yaklaşık olarak verilmiştir. | Weights are approximate.
Ölçüler mm olarak verilmiştir. | Dimensions in mm.



Tip 1 | Type 1



Tip 2 | Type 2

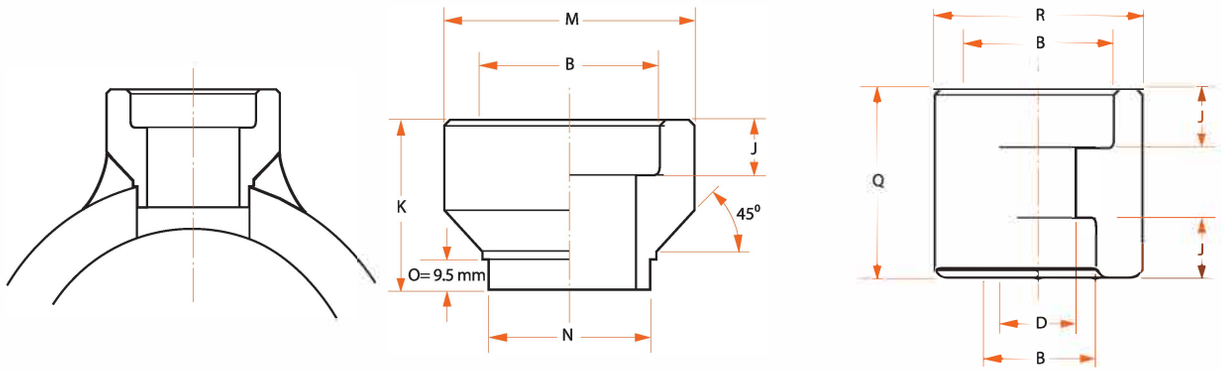


Tip 3 | Type 3

Redüksiyon Insert | Red. Insert

Nominal Boru Ölçüsü Nominal Pipe Size	Tip Type	3000 LB				Tip Type	6000 LB			
		M*	N*	K*	L*		M*	N*	K*	L*
		mm	mm	mm	mm		mm	mm	mm	mm
1/2" x 3/8"	1	21,6	11,0	24,0	20,0	1	21,6	11,0	30,0	21,0
1/2" x 1/4"	2	21,6	7,5	15,5						
1/2" x 1/8"	3	21,6	5,5	15,5	7,0					
3/4" x 1/2"	1	26,9	14,0	27,0	22,0	1	26,9	12,0	33,5	23,0
3/4" x 3/8"	2	26,9	11,0	15,5		2	26,9	11,0	25,5	
3/4" x 1/4"	3	26,9	7,5	15,5	7,0					
3/4" x 1/8"	3	26,9	5,5	15,5	7,0					
1" x 3/4"	1	33,6	19,0	28,5	23,0	1	33,6	15,5	42,0	26,0
1" x 1/2"	2	33,6	14,0	24,0		1	33,6	12,0	40,0	24,0
1" x 3/8"	3	33,6	11,0	23,0	7,0	3	33,6	11,0	28,5	7,0
1" x 1/4"	3	33,6	7,5	24,0	7,0					
1 1/4" x 1"	1	42,4	24,5	31,5	24,5	1	42,4	20,5	43,0	28,0
1 1/4" x 3/4"	2	42,4	19,0	22,0		1	42,4	15,5	43,0	28,0
1 1/4" x 1/2"	3	42,4	14,0	24,5	7,0	2	42,4	12,0	32,0	
1 1/4" x 3/8"						3	42,4	11,0	32,5	7,0
1 1/2" x 1 1/4"	1	48,5	32,5	33,5	27,0	1	48,5	29,5	51,0	32,0
1 1/2" x 1"	2	48,5	24,5	33,5		1	48,5	20,5	49,0	28,0
1 1/2" x 3/4"	3	48,5	19,0	22,0	8,0	2	48,5	15,5	35,0	
1 1/2" x 1/2"	3	48,5	14,0	26,0	7,0	3	48,5	12,0	39,0	7,0
2" x 1 1/2"	2	60,9	38,0	22,0		1	60,9	34,0	46,0	34,0
2" x 1 1/4"	3	60,9	32,5	25,5	8,0	1	60,9	29,5	47,5	34,0
2" x 1"	3	60,9	24,5	25,5	8,0	3	60,9	20,5	36,0	8,0
2" x 3/4"	3	60,9	19,0	25,5	8,0	3	60,9	15,5	36,0	8,0
2" x 1/2"	3	60,9	14,0	29,5	7,0	3	60,9	12,0	39,0	7,0
2 1/2" x 2"	1	73,6	49,0	41,5	30,0	1	73,6	43,0	54,0	36,0
2 1/2" x 1 1/2"	3	73,6	38,0	27,5	8,0	2	73,6	36,0	47,5	
2 1/2" x 1 1/4"	3	73,6	32,5	29,5	8,0	3	73,6	29,5	42,0	8,0
2 1/2" x 1"	3	73,6	24,5	29,5	8,0	3	73,6	20,5	44,0	8,0
2 1/2" x 3/4"						3	73,6	15,5	44,0	8,0
2 1/2" x 1/2"						3	73,6	12,0	46,5	7,0
3" x 2 1/2"	1	89,6	59,0	46,0	33,5	1	89,6	54,0	63,5	38,0
3" x 2"	3	89,6	49,0	41,5	10,0	2	89,6	43,0	54,0	
3" x 1 1/2"	3	89,6	38,0	42,0	8,0	3	89,6	34,0	47,5	8,0
3" x 1 1/4"	3	89,6	32,5	42,5	8,0	3	89,6	29,5	49,6	8,0
3" x 1"	3	89,6	24,5	39,0	8,0	3	89,6	20,5	48,5	8,0

Ağırlıklar yaklaşık olarak verilmiştir. | Weights are approximate.
Ölçüler mm olarak verilmiştir. | Dimensions in mm.



Boss

Nominal Boru Ölçüsü Nominal Pipe Size (NPS)	3000 LB - 6000 LB		
	K*	M*	N*
	mm	mm	mm
1/8"	30,5	28,0	10,6
1/4"	30,5	28,0	14,0
3/8"	30,5	32,0	17,4
1/2"	33,5	38,0	21,6
3/4"	35,0	44,5	26,9
1"	43,0	57,5	33,6
1 1/4"	48,0	63,5	42,4
1 1/2"	51,0	76,1	48,5
2"	57,5	92,0	60,9
2 1/2"	72,0	113,0	76,6
3"	79,0	141,0	90,5
4"	84,0	180,0	115,0

Redüksiyon Manşon | Reducing Couplings

Nominal Boru Ölçüsü Nominal Pipe Size (NPS)	3000 LB.		6000 LB.	
	Q*	R*	Q*	R*
	mm	mm	mm	mm
3/8" x 1/4"	25,4	24,9	25,4	26,7
1/2" x 3/8"	28,7	31,0	28,7	33,0
1/2" x 1/4"	28,7	31,0	28,7	33,0
3/4" x 1/2"	35,0	36,0	35,0	40,1
3/4" x 1/4"	35,0	36,0	35,0	40,1
1" x 3/4"	38,1	45,2	38,1	50,0
1" x 1/2"	38,1	45,2	38,1	50,0
1" x 1/4"	38,1	45,2	38,1	50,0
1 1/4" x 1"	38,1	55,1	38,1	57,9
1 1/2" x 1"	38,1	60,0	38,1	65,0
1 1/2" x 3/4"	38,1	60,0	38,1	65,0
1 1/2" x 1/2"	38,1	60,0	38,1	65,0
2" x 1 1/2"	51,3	74,9	51,3	82,0
2" x 1"	51,3	74,9	51,3	82,0

Nominal Boru Ölçüsü Nominal Pipe Size (NPS)			1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
B		Mini	10,80	14,20	17,60	21,80	27,20	33,90	42,70	48,80	61,20	73,90	89,80	115,20
		Maxi	11,20	14,60	18,00	22,20	27,60	34,30	43,10	49,20	61,70	74,40	90,30	115,70
D	3000 lb	Mini	6,10	8,50	11,80	15,00	20,20	25,90	34,30	40,10	51,70	61,20	76,40	100,70
		Maxi	7,60	10,00	13,30	16,60	21,70	27,40	35,80	41,60	53,30	64,20	79,40	103,80
	6000 lb	Mini	3,20	5,60	8,40	11,00	14,80	19,90	28,70	33,20	42,10	-	-	-
		Maxi	4,80	7,10	9,90	12,50	16,30	21,50	30,20	34,70	43,60	-	-	-
C	3000 lb	Avg	3,18	3,80	4,00	4,65	4,90	5,69	6,07	6,35	6,93	8,76	9,52	10,69
		Mini	3,18	3,30	3,50	4,09	4,27	4,98	5,28	5,54	6,04	7,67	8,30	9,35
	6000 lb	Avg	3,95	4,60	5,05	5,95	6,96	7,92	7,92	8,92	10,92	-	-	-
		Mini	3,43	4,01	4,37	5,18	6,04	6,93	6,93	7,80	9,50	-	-	-
G mini	3000 lb		2,40	3,00	3,20	3,75	3,90	4,55	4,85	5,10	5,55	7,00	7,60	8,55
	6000 lb		3,15	3,70	4,00	4,80	5,55	6,35	6,35	7,15	8,75	-	-	-
J mini			10,00	10,00	10,00	10,00	13,00	13,00	13,00	13,00	16,00	16,00	16,00	19,00

***Üreticiye göre değişiklik gösterebilir.** | May vary according to manufacturer.
Ölçüler mm olarak verilmiştir. | Dimensions in mm.

Dövme Çelik Dişli ve Soket Bağlantı Parçaları Ağırlıkları

Forged Steel Threaded and Socket Fittings Approx Weight

SINIFI	NPS	90° DİRSEK	45° DİRSEK	TEE	MANŞON	YARIM MANŞON	HEX. KÖR TAPA
3000 LB NPT	1/4"	0,17	0,11	0,13	0,06	0,03	0,03
	3/8"	0,29	0,23	0,37	0,11	0,09	0,06
	1/2"	0,59	0,34	0,54	0,11	0,09	0,09
	3/4"	0,63	0,54	0,85	0,20	0,11	0,14
	1"	1,02	0,85	1,13	0,29	0,14	0,23
	1 1/4"	1,25	0,97	1,42	0,71	0,34	0,51
	1 1/2"	1,59	1,36	2,27	0,99	0,51	0,63
	2"	2,47	1,93	3,06	1,42	0,71	1,02
	2 1/2"	4,85	3,52	5,96	1,81	0,91	1,76
	3"	6,55	4,76	9,24	3,06	1,53	2,67
	4"	13,80	8,68	17,90	7,60	3,80	5,90

SINIFI	NPS	90° DİRSEK	45° DİRSEK	TEE	MANŞON	YARIM MANŞON	KEP
3000 LB SW	1/4"	0,12	-	0,10	0,06	0,06	0,04
	3/8"	0,11	0,18	0,16	0,06	0,08	0,05
	1/2"	0,20	0,17	0,28	0,11	0,14	0,07
	3/4"	0,28	0,23	0,37	0,17	0,20	0,13
	1"	0,46	0,35	0,57	0,27	0,34	0,21
	1 1/4"	0,65	0,65	0,87	0,35	0,48	0,37
	1 1/2"	0,96	0,80	1,28	0,43	0,51	0,60
	2"	1,50	1,20	1,80	0,72	1,00	0,99
	2 1/2"	2,25	1,85	2,85	1,13	1,55	1,50
	3"	4,00	-	5,50	1,50	2,13	2,30
	4"	-	-	-	2,50	3,65	4,00

SINIFI	NPS	90° DİRSEK	45° DİRSEK	TEE	MANŞON	YARIM MANŞON	KEP
6000 LB SW	1/4"	0,14	-	0,19	0,06	0,07	-
	3/8"	0,12	0,19	0,17	0,07	0,05	-
	1/2"	0,23	0,18	0,31	0,14	0,30	0,22
	3/4"	0,60	0,50	0,86	0,25	0,43	0,35
	1"	1,05	0,88	1,45	0,36	0,69	0,55
	1 1/4"	1,40	0,69	2,03	0,46	0,93	0,89
	1 1/2"	2,40	1,85	3,04	0,58	1,20	1,15
	2"	3,65	2,93	4,41	1,20	2,05	2,05
	2 1/2"	6,55	-	9,40	1,60	3,25	3,75
	3"	8,60	-	13,20	2,18	4,33	5,10
	4"	-	-	-	3,95	6,45	8,20

SINIFI	NPS	90° DİRSEK	45° DİRSEK	TEE	MANŞON	YARIM MANŞON	HEX. KÖR TAPA
6000 LB NPT	1/4"	0,29	0,23	0,37	0,25	0,11	0,06
	3/8"	0,59	0,34	0,54	0,43	0,11	0,09
	1/2"	0,63	0,54	0,85	0,62	0,20	0,14
	3/4"	1,02	0,85	1,13	1,03	0,29	0,23
	1"	1,25	0,97	1,42	1,15	0,71	0,51
	1 1/4"	1,59	1,36	2,27	1,54	0,99	0,63
	1 1/2"	2,47	1,93	3,06	3,05	1,42	1,02
	2"	4,85	3,52	5,96	5,14	1,81	1,76
	2 1/2"	6,55	4,76	9,24	7,12	3,06	2,67
	3"	13,80	8,68	17,90	12,40	7,60	5,90
	4"	21,00	13,00	27,00	17,00	11,00	8,00

Ağırlıklar yaklaşık olarak verilmiştir. | Weights are approximate.
Ölçüler mm olarak verilmiştir. | Dimensions in mm.

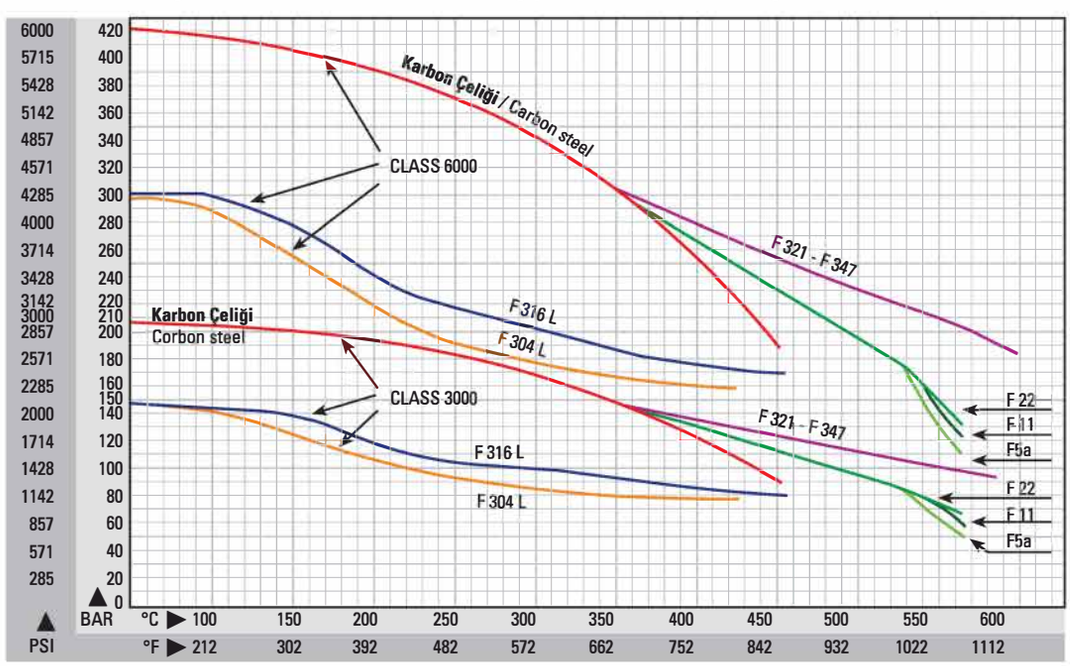
Dövme Çelik Bağlantı Parçaları için Çalışma Basıncı

Operating Pressure for Forged Fittings

Dövme çelik bağlantı parçaları için izin verilen çalışma basıncı (Karbon Çeliği)
Max Allowable Operating Pressure for Forget Fittings (Carbon Steel)

Sıcaklık Temperatures		Class					
		2000		3000		6000	
°C	°F	bar	psi	bar	psi	bar	psi
- 29 ile 38	- 20 to 100	137,9	2000	206,9	3000	413,8	6000
66	150	135,9	1970	203,4	2950	407,9	5915
93	200	133,8	1940	201,0	2915	402,0	5830
121	250	132,1	1915	198,3	2875	396,6	5750
149	300	130,7	1895	196,2	2845	392,4	5690
177	350	129,3	1875	193,8	2810	387,9	5625
204	400	127,6	1850	191,4	2775	382,8	5550
232	450	124,8	1810	187,2	2715	374,5	5430
260	500	119,7	1735	179,7	2605	359,3	5210
288	550	113,1	1640	169,7	2460	339,7	4925
316	600	106,2	1540	159,3	2310	318,6	4620
343	650	98,6	1430	148,3	2150	296,6	4300
371	700	90,0	1305	135,2	1960	270,3	3920
399	750	81,4	1180	122,4	1775	244,8	3550
427	800	70,0	1015	105,2	1525	210,3	3050
Normal Kullanım İçin | Normal Use Limit of Carbon Steel							
454	850	57,2	830	86,2	1250	172,4	2500
482	900	42,4	615	63,8	925	127,9	1855
Pratikte Kullanım İçin | Practical Use Limit of Carbon Steel							
510	950	29,3	425	44,1	640	88,6	1285
538	1000	16,2	235	24,1	350	49,3	715

Dövme çelik bağlantı parçalarının ani olmayan çalışma basıncını gösterir.
Pressure ratings indicate non-shock working pressure of the fittings.



Carbon steel ASTM A 105
Alloy steel ASTM A 182 F 5a
Alloy steel ASTM A 182 F 22
Alloy steel ASTM A 182 F 11
Stainless steel low corbon ASTM A 182 F 304 L
Stainless steel carbon ASTM A 182 F 316 L
Stainless steel ASTM A 182 F 347
Stainless steel ASTM A 182 F 321