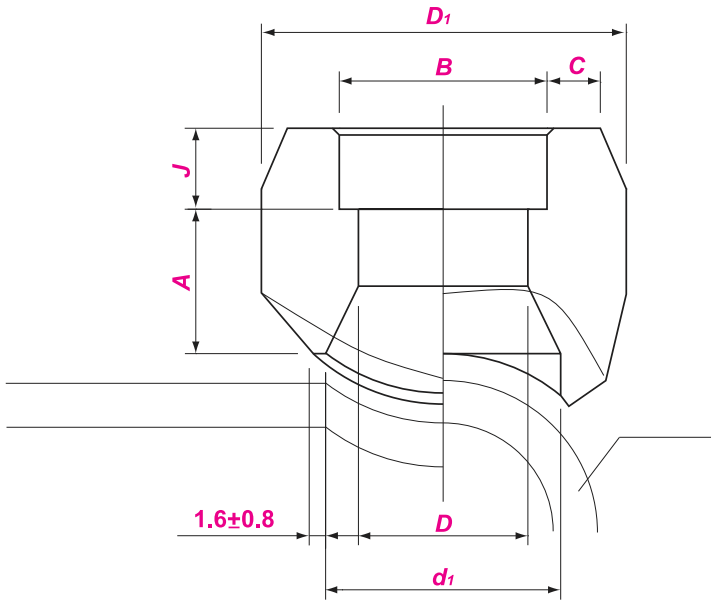
OUTLETS

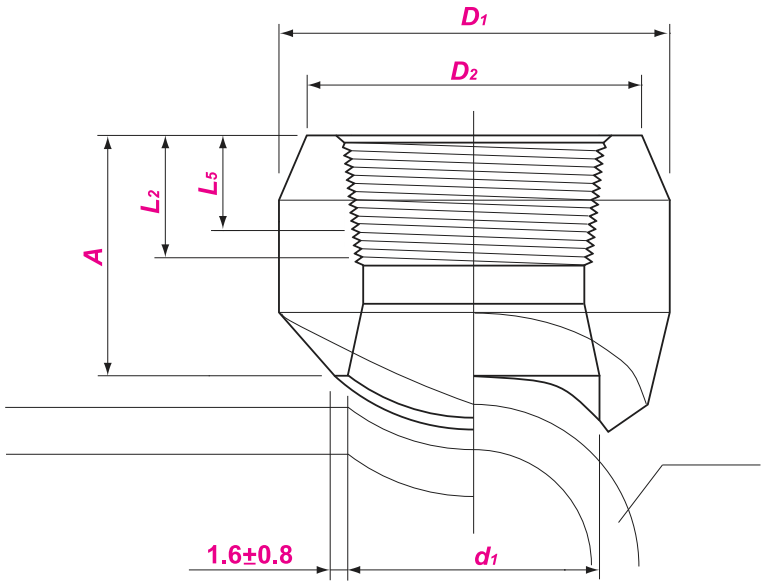


SOCKOLET

GB/T 19326、MSS SP-97

Nominal Size		Branch Nominal Size		Depth of Socket	Face of Fitting to Crotch		OD of Fitting		Socket Wall Thickness		Cut Hole Dia.	
DN	NPS	DN	NPS	J_{min}	A_{max}		$D_{1\,min}$		C_{min}		$d_{1\,nom}$	
					3000	6000	3000	6000	3000	6000	3000	6000
8～900	1/4～36	6	1/8	9.5	10	-	27	-	3.18	-	16	-
10～900	3/8～36	8	1/4	9.5	10	-	27	-	3.78	-	16	-
15～900	1/2～36	10	3/8	9.5	13	-	30	-	4.01	-	19	-
20～900	3/4～36	15	1/2	9.5	16	24	38	47	4.67	5.97	24	19
25～900	1～36	20	3/4	12.5	16	25	47	53	4.90	6.96	30	25
32～900	1 1/4～36	25	1	12.5	22	29	56	63	5.69	7.92	36	33
40～900	1 1/2～36	32	1 1/4	12.5	22	30	66	74	6.07	7.92	45	38
50～900	2～36	40	1 1/2	12.5	24	32	75	83	6.35	8.92	51	49
65～900	2 1/2～36	50	2	16.0	24	37	90	104	6.93	10.92	65	59
80～900	3～36	65	2 1/2	16.0	25	-	105	-	8.76	-	76	-
100～900	4～36	80	3	16.0	30	-	124	-	9.52	-	94	-
125～900	5～36	100	4	19.0	30	-	154	-	10.69	-	121	-

Note:
1) As for the sizes of socket diameter B and bore D, please refer to the ones in the page of 30.

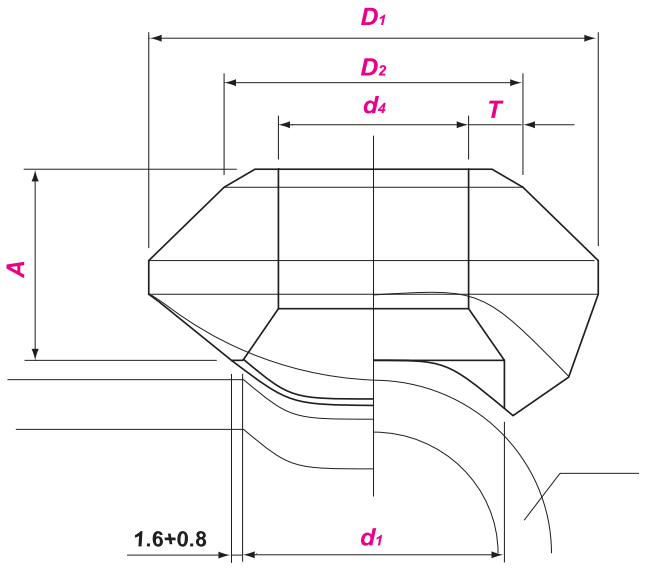


THREADOLET

GB/T 19326、MSS SP-97

Run Pipes Nominal Size		Branch Nominal Size		Length		OD of Fitting		OD at End of Branch		Length of Thread	Cut Hole Dia.	
DN	NPS	DN	NPS	A		$D_{1\,min}$		$D_{2\,min}$		$L_{2\,min}$	$d_{1\,nom}$	
				3000	6000	3000	6000	3000	6000		3000	6000
8～900	1/4～36	6	1/8	19	—	27	—	22	—	6.7	16	—
10～900	3/8～36	8	1/4	19	—	27	—	22	—	10.2	16	—
15～900	1/2～36	10	3/8	21	—	30	—	25	—	10.4	19	—
20～900	3/4～36	15	1/2	25	32	38	45	33	42	13.6	24	19
25～900	1～36	20	3/4	27	37	47	52	39	48	13.9	30	25
32～900	1¼～36	25	1	33	40	56	63	48	58	17.3	36	33
40～900	1½～36	32	1¼	33	41	66	72	58	67	18.0	45	38
50～900	2～36	40	1½	35	43	75	83	64	77	18.4	51	49
65～900	2½～36	50	2	38	52	90	104	77	93	19.2	65	59
80～900	3～36	65	2½	46	—	105	—	94	—	28.9	76	—
100～900	4～36	80	3	51	—	124	—	114	—	30.5	94	—
125～900	5～36	100	4	57	—	154	—	140	—	33.0	121	—

OUTLETS



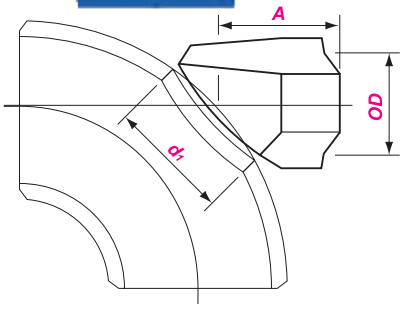
WELDOLET

GB/T 19326、MSS SP-97

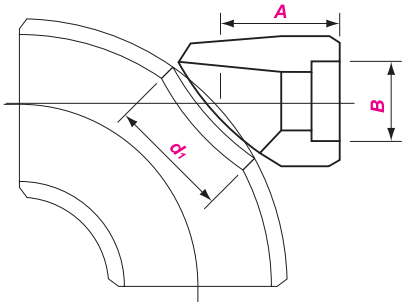
Run Pipes Nominal Size		Branch Nominal Size		Length			OD of Fitting			Cut Hole Dia.		
DN	NPS	DN	NPS	A			$D_{2\,min}$			$d_{1\,nom}$		
				STD	XS	Sch160	STD	XS	SCH160	STD	XS	SCH160
8～900	1/4～36	6	1/8	16	16	—	24	24	—	16	16	—
10～900	3/8～36	8	1/4	16	16	—	26	26	—	16	16	—
15～900	1/2～36	10	3/8	19	19	—	30	30	—	19	19	—
20～900	3/4～36	15	1/2	19	19	28	36	36	36	24	24	14
25～900	1～36	20	3/4	22	22	32	43	43	46	30	30	19
32～900	1¼～36	25	1	27	27	38	55	55	51	36	36	25
40～900	1½～36	32	1¼	32	32	44	66	66	63	45	45	33
50～900	2～36	40	1½	33	33	51	74	74	71	51	51	38
65～900	2½～36	50	2	38	38	55	90	90	82	65	65	43
80～900	3～36	65	2½	41	41	62	104	104	98	76	76	54
90～900	3½～36	80	3	44	44	73	124	124	122	93	93	73
100～900	4～36	90	3½	48	48	—	138	138	—	113	113	—
125～900	5～36	100	4	51	51	84	154	154	154	120	120	98
150～900	6～36	125	5	57	57	94	187	187	188	141	141	122
200～900	8～36	150	6	60	78	105	213	227	222	170	170	146
250～900	10～36	200	8	70	99	—	265	292	—	220	220	—
300～900	12～36	250	10	78	94	—	323	325	—	275	265	—
350～900	14～36	300	12	86	103	—	379	381	—	325	317	—
400～900	16～36	350	14	89	100	—	411	416	—	357	351	—
450～900	18～36	400	16	94	106	—	465	468	—	408	403	—
500～900	20～36	450	18	97	111	—	522	525	—	459	455	—
550～900	22～36	500	20	102	119	—	573	584	—	508	509	—
650～900	26～36	600	24	116	140	—	690	708	—	614	612	—

Note:

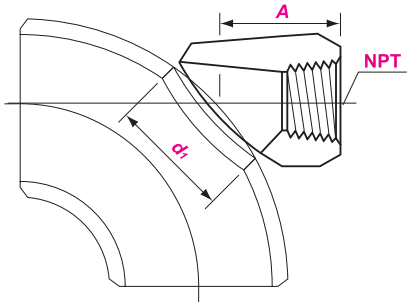
1) D_2 is same to the outside diameter of branch pipe, d_4 is same to the inside diameter of branch pipe, T is same to the wall thickness of branch pipe.
2) As fo the bevel ends of the branch pipe, please refers to the figure in the page of 21.



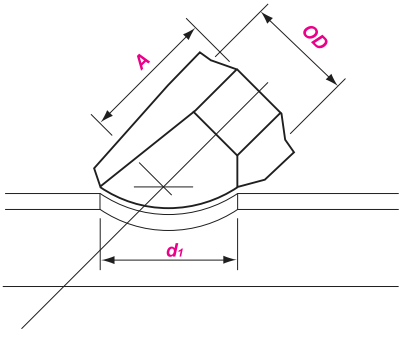
BW Elbolet



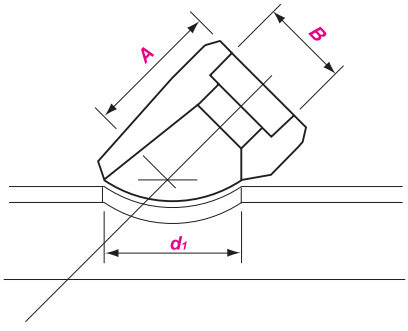
SW Elbolet



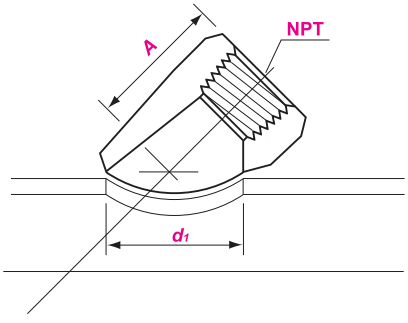
THRD Elbolet



BW Latrolet



SW Latrolet



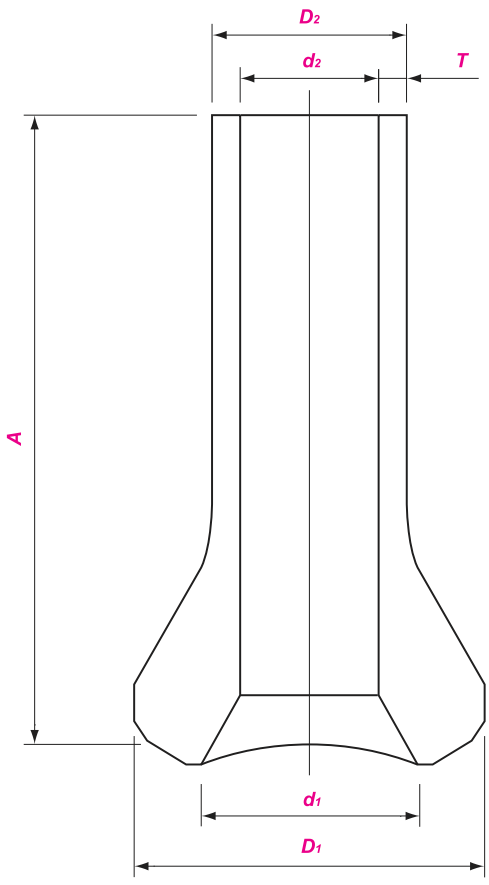
THRD Latrolet

ELBOLETS AND LATROLETS

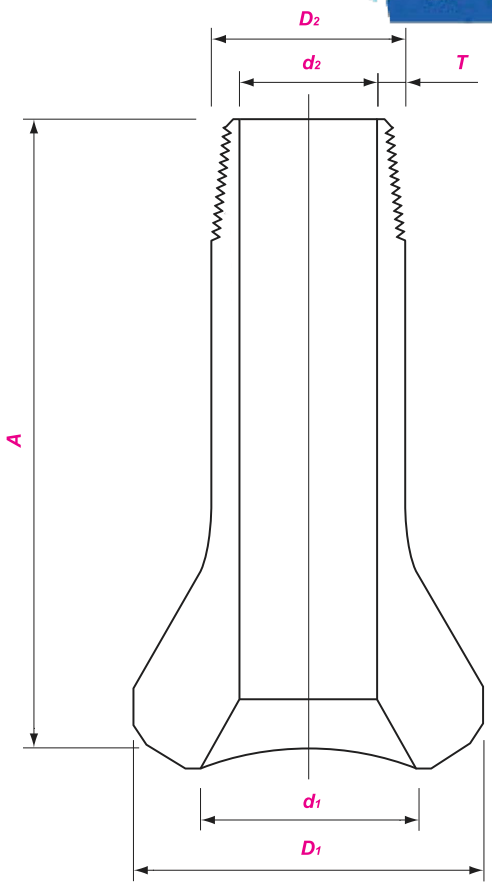
Run Pipes Nominal Size		Branch Nominal Size		Length				Cut Hole Dia.			
				A				$d_{1\,nom}$			
DN	NPS	DN	NPS	BW		SW and THRD		BW		SW and THRD	
				STD、XS	Sch160	3000	6000	STD、XS	Sch160	3000	6000
20～900	3/4～36	15	1/2	45	50	45	50	31	30	31	30
25～900	1～36	20	3/4	50	58	50	58	42	40	42	40
32～900	1¼～36	25	1	60	70	60	70	54	50	54	50
40～900	1½～36	32	1¼	68	76	68	76	61	58	61	58
50～900	2～36	40	1½	75	83	75	83	76	66	76	66
65～900	2½～36	50	2	90	98	90	98	90	83	90	83
80～900	3～36	65	2½	95	105	-	-	100	95	-	-
90～900	3½～36	80	3	120	130	-	-	132	115	-	-
125～900	5～36	100	4	140	150	-	-	168	150	-	-
200～900	8～36	150	6	195	210	-	-	238	225	-	-
250～900	10～36	200	8	220	-	-	-	338	-	-	-
300～900	12～36	250	10	270	-	-	-	432	-	-	-
350～900	14～36	300	12	290	-	-	-	498	-	-	-

Note:
1) As for other sizes, please refer to the ones in the page of 46～48.

NIPOLETS



PE



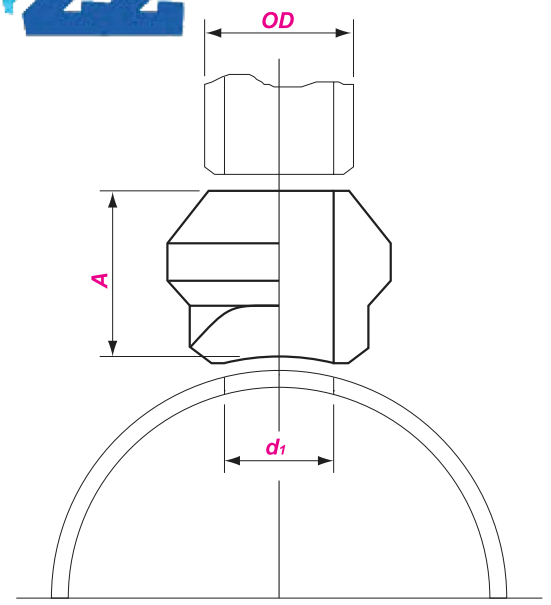
TE

NIPOLETS

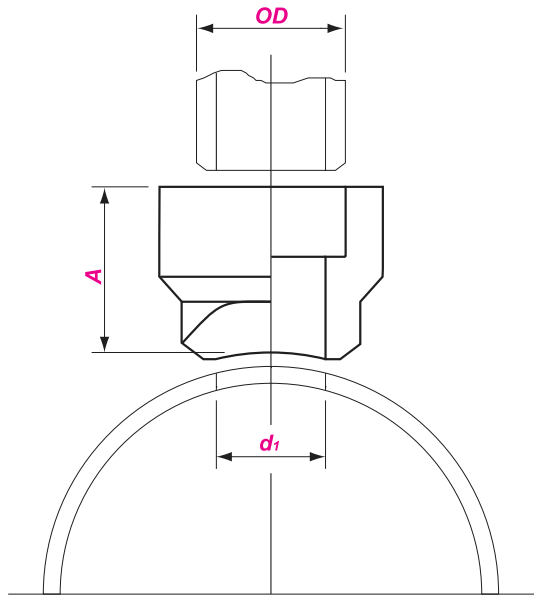
Run Pipes Nominal Size		Branch Nominal Size		Length	OD at End	OD of Fitting		Cut Hole Dia.	
DN	NPS	DN	NPS	*A*	D_2	$D_{1\ min}$		$d_{1\ nom}$	
						XS	Sch160	XS	Sch160
20～900	3/4～36	15	1/2		21.3	38	47	24	19
25～900	1～36	20	3/4	89	26.7	47	53	30	25
32～900	1¼～36	25	1		33.4	56	63	36	33
40～900	1½～36	32	1¼		42.2	66	72	45	38
50～900	2～36	40	1½	89	48.3	75	83	51	49
65～900	2½～36	50	2		60.3	90	104	65	59
80～900	3～36	65	2½		73.0	105	—	76	—
90～900	3½～36	80	3	89	88.9	124	—	94	—
125～900	5～36	100	4		114.3	154	—	121	—

Note:

1) This nipolet is used to connect the valve at the the end of the branch pipe.
2) The tolerance of D_2 shall be as: DN15～40 (NPS1/2～11/2): ± 0.25mm, DN50～100(NPS2～4): ±0.5mm.T is the thickness of XS or Sch160, $d_1 = D_2 - 2T$。
3) Per the purchase specification, the ends can be machined as plain or threaded type, and the thread shall be machined per GB/T 12716(equivalent to ASME B1.20.1)
4) Per the purchase specification, the size of A can be machined as 114mm、140mm and 165mm.



BW Pipet



SW Pipet

PIPETS

Run Pipes Nominal Size		Branch Nominal Size		Length		Cut Hole Dia.	
DN	NPS	DN	NPS	A		$d_{1\ nom}$	
				BW	SW	Sch5s	Sch10s
8～900	1/4～36	6	1/8	16	-	-	7.8
10～900	3/8～36	8	1/4	16	-	-	10.4
15～900	1/2～36	10	3/8	19	-	-	13.8
20～900	3/4～36	15	1/2	19	26	18.0	17.1
25～900	1～36	20	3/4	22	27	23.4	22.5
32～900	1¼～36	25	1	27	33	30.1	27.9
40～900	1½～36	32	1¼	32	33	38.9	36.7
50～900	2～36	40	1½	33	35	45.0	42.8
65～900	2½～36	50	2	38	38	57.0	54.8
80～900	3～36	65	2½	42	46	68.8	66.9
90～900	3½～36	80	3	45	51	84.7	82.8
100～900	4～36	90	3½	48	-	97.4	95.5
125～900	5～36	100	4	51	57	110.1	108.2
150～900	6～36	125	5	57	-	135.8	134.5
200～900	8～36	150	6	60	-	162.8	161.5
250～900	10～36	200	8	70	-	213.6	211.6
300～900	12～36	250	10	78	-	266.2	264.6
350～900	14～36	300	12	86	-	315.9	314.7
400～900	16～36	350	14	89	-	347.7	346.0
450～900	18～36	400	16	94	-	398.8	396.8
500～900	20～36	450	18	97	-	448.6	447.4
550～900	22～36	500	20	102	-	498.4	496.9
650～900	26～36	600	24	116	-	598.9	597.3
800～900	32～36	750	30	137	-	749.3	746.2

Note

1) The pipets are usually used for connection when the schedule of the run pipe is Sch5s or Sch10s.
2) *OD* is the outside diameter of the connecting branch pipe. As for the bevel ends, please refer the figure in page of 21.