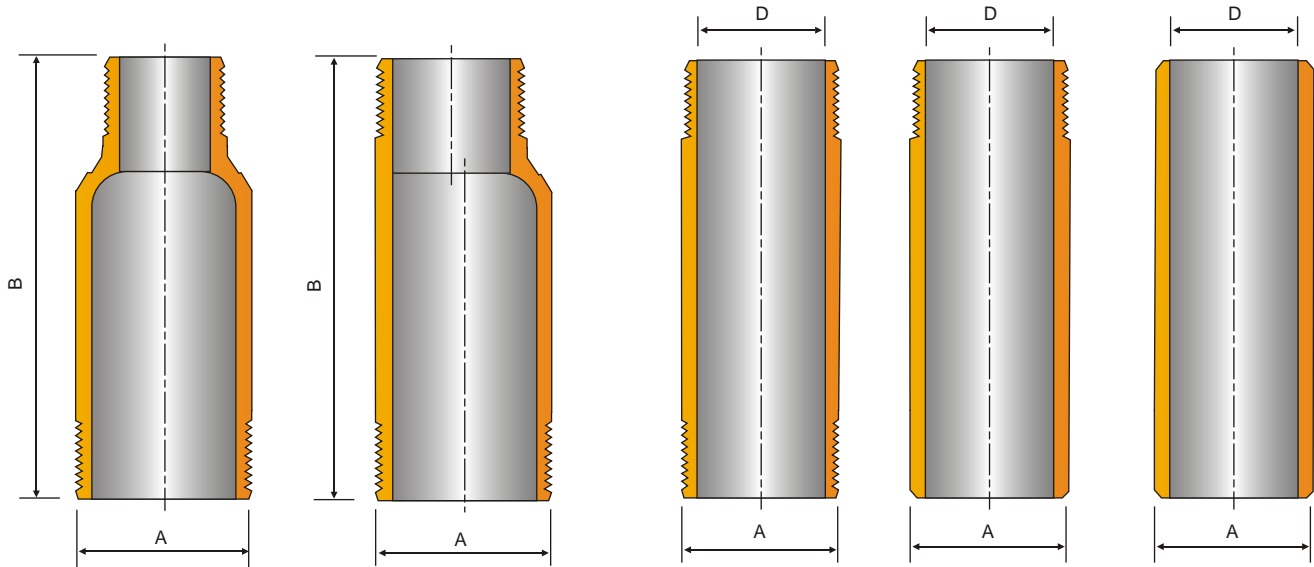




## NIPPLES



**Swaged Nipples**  
Conform to ASME B 16.11

**Barrel Nipples**  
Conform to ASME B 16.11

**Schedule 40**

SIZE	DIMENSION	
	A	D
1/8	13/32	.268
1/4	35/64	.362
3/8	43/64	.492
1/2	27/32	.622
3/4	1.1/16	.823
1	1.5/16	1.047
1 1/4	1.11/16	1.382
1 1/2	1.29/32	1.611
2	2.3/8	2.067
2 1/2	2.7/8	2.469
3	3.1/2	3.067
4	4.1/2	4.028

**Schedule 80**

SIZE	DIMENSION	
	A	D
1/8	13/32	.217
1/4	35/64	.303
3/8	43/64	.422
1/2	27/32	.548
3/4	1.1/16	.741
1	1.5/16	.957
1 1/4	1.11/16	1.280
1 1/2	1.29/32	1.500
2	2.3/8	1.941
2 1/2	2.7/8	2.323
3	3.1/2	2.902
4	4.1/2	3.827

**Schedule XXS**

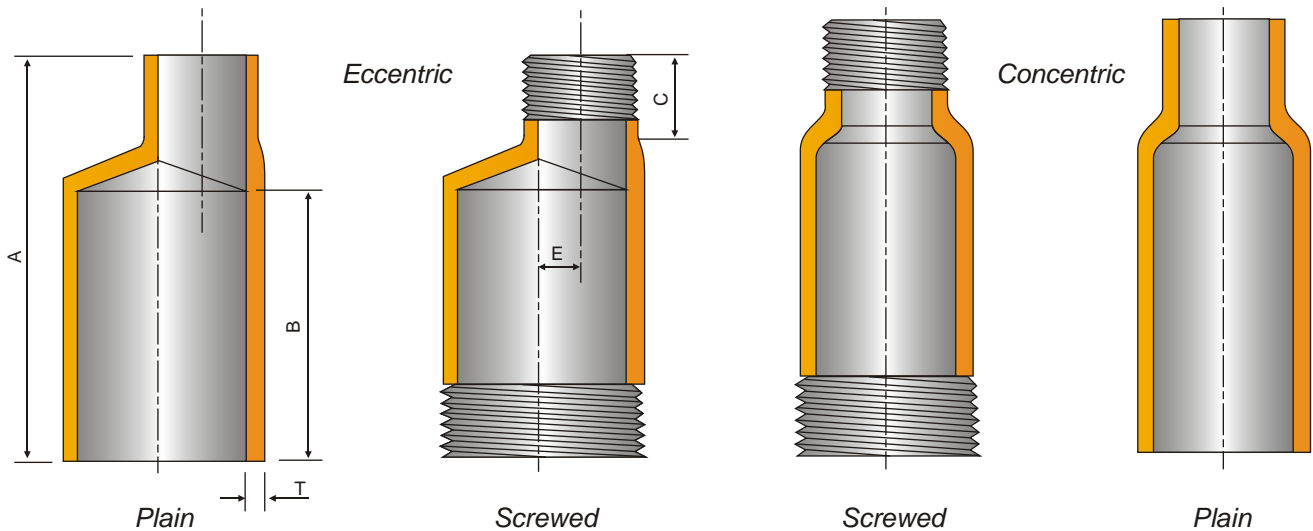
SIZE	DIMENSION	
	A	D
1/8	13/32	
1/4	35/64	
3/8	43/64	
1/2	27/32	.331
3/4	1.1/16	.434
1	1.5/16	.599
1 1/4	1.11/16	.898
1 1/2	1.29/32	1.099
2	2.3/8	1.504
2 1/2	2.7/8	1.772
3	3.1/2	2.999
4	4.1/2	3.154

SIZE	DIMENSION
	B
1/4	2
3/8	2.5
1/2	2.3/4
3/4	3
1	3.1/2
1 1/4	4
1 1/2	4.1/2
2	6
2 1/2	6
3	6
4	6

**NOTE:**

- A. All dimensions are in inches.
- B. Other sizes and threads as per API, ASME can be provided on request.

## NIPPLES



### *Swaged Nipples* Conform to BS 3799

NOMINAL SIZE		PARALLEL STRENGTH			ECCENTRICITY E		THICKNESS T AND t*		
		(min) A	(min) B	(min) C	3000 P. S.I.	6000 P. S.I.	SCREWED/PLAIN 3000 P.S.I.	PLAINS 6000 P.S.I.	SCREWED 6000 P. S.I.
in	mm	mm	mm	mm	mm	mm			
3/8 x 1/4	(10 x 8)	76	48	16	1.6				
1/2 x 3/8	(15 x 10)	89	56	19	1.6				
1/2 x 1/4	(15 x 8)	89	56	19	3.2				
3/4 x 1/2	(20 x 15)	95	57	22	2.4	2.4	Schedule 160	XXS	
3/4 x 3/8	(20 x 10)	95	57	22	4.0				
1 x 3/4	(25 x 20)	102	64	22	2.8	2.0			
1 x 1/8	(25 x 15)	102	64	22	5.2	4.4			
1 1/2 x 1	(40 x 25)	114	70	25	6.7	6.4			
1 1/2 x 3/4	(40 x 20)	114	70	25	9.5	8.3			
1 1/2 x 1/2	(40 x 15)	114	70	25	11.9	10.7			
2 x 1 1/2	(50 x 40)	165	108	29	5.6	5.2			
2 x 1	(50 x 25)	165	108	29	12.7	11.5			
2 x 3/4	(50 x 20)	165	108	29	15.5	13.5	Schedule 80	Schedule 160	Double extra strong
2 x 1/2	(50 x 15)	165	108	29	17.5	15.9			
2.1/2 x 2	(65 x 50)	178	114	32	4.8	3.2			
2.1/2 x 1 1/2	(65 x 40)	178	114	32	10.3	8.3			
3 x 2 1/2	(80 x 65)	203	133	41	7.1	6.7			
3 x 2	(80 x 50)	203	133	41	11.9	9.9			
3 x 1 1/2	(80 x 40)	203	133	41	17.5	15.5			
4 x 3	(100 x 80)	229	140	48	11.9	10.7			
4 x 2 1/2	(100 x 65)	229	140	48	19.1	17.5			

**NOTE:**

- A. (\*) Thicknessw and outside diameters of swage nipples shall correspond to those of the appropriate nominal pipe size.
- B. Other sizes and threads as per API, ASME can be provided on request.