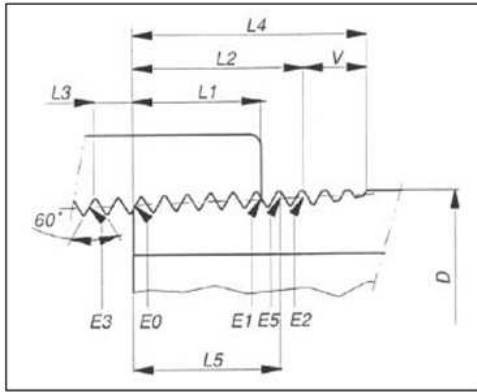


**ASME B1.20.1 (NPT)**



- D O.D of pipe
- n Threads / mm.
- P Pitch of thread
- E0 Pitch diam. at beginning of external thread
- L1 Length of handtight engagement
- E1 Diam. of handtight engagement
- L2 Length of effective thread, external
- E2 Diam. of effective thread, external
- L3 Length of wrench makeup, internal
- E3 Diam. of wrench makeup, internal
- V Vanish thread
- L4 Overall length external thread
- L5 Length of nominal complete external threads
- E5 Diam. of nominal complete external threads
- h Height of thread  
Thread taper angle 1° 47'

SIZE	D	n	P	E0	L1	E1	L2	E2	L3	E3	V	L4	L5	E5	h
1/4"	13.72	0.71	1.41	12.13	5.79	12.49	10.21	12.76	4.23	11.86	4.90	15.10	7.38	12.59	1.13
3/8"	17.15	0.71	1.41	15.55	6.10	15.93	10.36	16.19	4.23	15.28	4.90	15.26	7.54	16.02	1.13
1/2"	21.34	0.55	1.81	19.26	8.13	19.77	13.56	20.11	5.44	18.92	6.29	19.85	9.93	19.88	1.45
3/4"	26.67	0.55	1.81	24.58	8.61	25.12	13.86	25.45	5.44	24.24	6.29	20.15	10.23	25.22	1.45
1"	33.40	0.45	2.21	30.83	10.16	31.46	17.34	31.91	6.63	30.41	7.66	25.01	12.93	31.63	1.77
1 1/4"	42.16	0.45	2.21	39.55	10.67	40.22	17.95	40.67	6.63	39.14	7.66	25.63	13.54	40.40	1.77
1 1/2"	48.26	0.45	2.21	45.62	10.67	46.29	18.38	46.77	6.63	45.21	7.66	26.04	13.96	46.49	1.77
2"	60.33	0.45	2.21	57.63	11.07	58.33	19.22	58.83	6.63	57.22	7.66	26.88	14.80	58.56	1.77

Dimensions are in (mm)