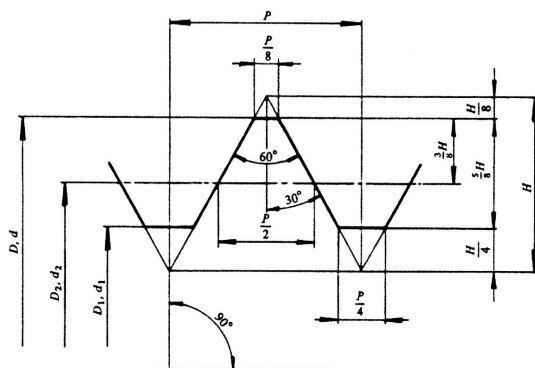


BASIC PROFILE

Ref: ISO 68 - 1973, ISO R 1501 - 1970



P = The Pitch
D = The Major Diameter of Internal Thread
d = The Major Diameter of External Thread
D₂ = The Pitch Diameter of Internal Thread
d₂ = The Pitch Diameter of External Thread
D₁ = The Minor Diameter of Internal Thread
d₁ = The Minor Diameter of External Thread
H = The Height of Fundamental Triangle

DIMENSIONS

H = 0.866025404 P 5/8 H = 0.541265877 P 3/8 H = 0.324759526 P H/4 = 0.216506351 P H/8 = 0.108253175 P

PITCH P	H	5/8 H	3/8 H	H/4	H/8	P/8	P/4	P/2
0.2	0.173205	0.108253	0.064592	0.043301	0.021651	0.025000	0.050000	0.100000
0.25	0.216506	0.135316	0.081190	0.054127	0.027063	0.031250	0.062500	0.125000
0.3	0.259808	0.162380	0.097428	0.064952	0.032476	0.037500	0.075000	0.150000
0.35	0.303109	0.189443	0.113666	0.075777	0.037889	0.043750	0.087500	0.175000
0.4	0.346410	0.216506	0.129904	0.086603	0.043301	0.050000	0.100000	0.200000
0.45	0.389711	0.243570	0.146142	0.097428	0.048714	0.056250	0.112500	0.225000
0.5	0.433013	0.270633	0.162380	0.108253	0.054127	0.062500	0.125000	0.250000
0.6	0.519615	0.324760	0.194856	0.129904	0.064952	0.075000	0.150000	0.300000
0.7	0.606218	0.378886	0.227332	0.151554	0.075777	0.087500	0.175000	0.350000
0.75	0.649519	0.405949	0.243570	0.162380	0.081190	0.093750	0.187500	0.375000
.0.8	0.692519	0.433013	0.259808	0.173205	0.086603	0.100000	0.200000	0.400000
1	0.866025	0.541266	0.324760	0.216506	0.108253	0.125000	0.250000	0.500000
1.25	1.082532	0.676582	0.405949	0.270633	0.135316	0.156250	0.312500	0.625000
1.5	1.299038	0.811899	0.487139	0.324760	0.162380	0.187500	0.375000	0.750000
1.75	1.515544	0.947215	0.568329	0.378886	0.189443	0.218750	0.437500	0.875000
2	1.732051	1.082532	0.649519	0.433013	0.216506	0.250000	0.500000	1.000000
2.5	2.165063	1.353165	0.811899	0.541266	0.270633	0.312500	0.625000	1.250000
3	2.598076	1.623798	0.974279	0.649519	0.324760	0.375000	0.750000	1.500000
3.5	3.031089	1.894431	1.136658	0.757772	0.378886	0.437500	0.875000	1.750000
4	3.464102	2.165063	1.299038	0.866025	0.433013	0.500000	1.000000	2.000000
4.5	3.897114	2.435696	1.461418	0.974279	0.487139	0.562500	1.125000	2.250000
5	4.330127	2.706329	1.623798	1.082532	0.541266	0.625000	1.250000	2.500000
5.5	4.763140	2.976962	1.786177	1.190785	0.595392	0.687500	1.375000	2.750000
6	5.196152	3.247595	1.948557	1.229038	0.649519	0.750000	1.500000	3.000000