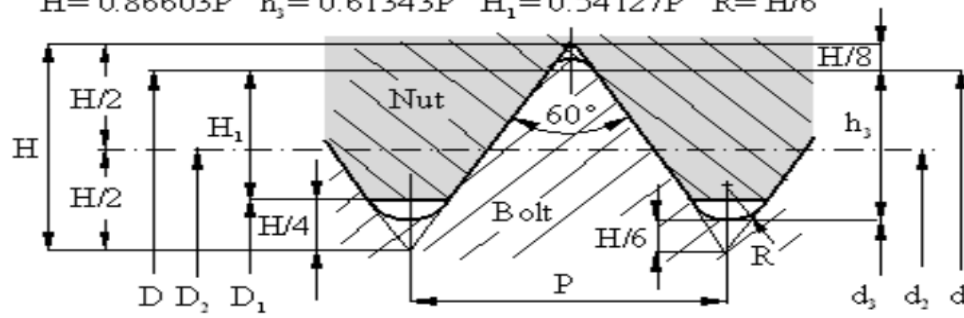


$$H = 0.86603P \quad h_3 = 0.61343P \quad H_1 = 0.54127P \quad R = H/6$$



metric screw threads ISO 724 (DIN 13 T1)

Nominal diameter	Pitch	root radius	pitch diameter	minor diameter	thread height	drill diameter		
$d = D$	$P$	$r$	$d_2 = D_2$	$d_3$	$D_1$	$h_3$	$H_1$	mm
M 1.00	0.25	0.036	0.838	0.693	0.729	0.153	0.135	0.75
M 1.10	0.25	0.036	0.938	0.793	0.829	0.153	0.135	0.85
M 1.20	0.25	0.036	1.038	0.893	0.929	0.153	0.135	0.95
M 1.40	0.30	0.043	1.205	1.032	1.075	0.184	0.162	1.10
M 1.60	0.35	0.051	1.373	1.171	1.221	0.215	0.189	1.25
M 1.80	0.35	0.051	1.573	1.371	1.421	0.215	0.189	1.45
M 2.00	0.40	0.058	1.740	1.509	1.567	0.245	0.217	1.60
M 2.20	0.45	0.065	1.908	1.648	1.713	0.276	0.244	1.75
M 2.50	0.45	0.065	2.208	1.948	2.013	0.276	0.244	2.05
M 3.00	0.50	0.072	2.675	2.387	2.459	0.307	0.271	2.50
M 3.50	0.60	0.087	3.110	2.764	2.850	0.368	0.325	2.90
M 4.00	0.70	0.101	3.545	3.141	3.242	0.429	0.379	3.30
M 4.50	0.75	0.108	4.013	3.580	3.688	0.460	0.406	3.80
M 5.00	0.80	0.115	4.480	4.019	4.134	0.491	0.433	4.20
M 6.00	1.00	0.144	5.350	4.773	4.917	0.613	0.541	5.00
M 7.00	1.00	0.144	6.350	5.773	5.917	0.613	0.541	6.00
M 8.00	1.25	0.180	7.188	6.466	6.647	0.767	0.677	6.80
M 9.00	1.25	0.180	8.188	7.466	7.647	0.767	0.677	7.80
M 10.00	1.50	0.217	9.026	8.160	8.376	0.920	0.812	8.50
M 11.00	1.50	0.217	10.026	9.160	9.376	0.920	0.812	9.50
M 12.00	1.75	0.253	10.863	9.853	10.106	1.074	0.947	10.20
M 14.00	2.00	0.289	12.701	11.546	11.835	1.227	1.083	12.00
M 16.00	2.00	0.289	14.701	13.546	13.835	1.227	1.083	14.00
M 18.00	2.50	0.361	16.376	14.933	15.394	1.534	1.353	15.50
M 20.00	2.50	0.361	18.376	16.933	17.294	1.534	1.353	17.50
M 22.00	2.50	0.361	20.376	18.933	19.294	1.534	1.353	19.50
M 24.00	3.00	0.433	22.051	20.319	20.752	1.840	1.624	21.00
M 27.00	3.00	0.433	25.051	23.319	23.752	1.840	1.624	24.00
M 30.00	3.50	0.505	27.727	25.706	26.211	2.147	1.894	26.50
M 33.00	3.50	0.505	30.727	28.706	29.211	2.147	1.894	29.50
M 36.00	4.00	0.577	33.402	31.093	31.670	2.454	2.165	32.00
M 39.00	4.00	0.577	36.402	34.093	34.670	2.454	2.165	35.00
M 42.00	4.50	0.650	39.077	36.479	37.129	2.760	2.436	37.50
M 45.00	4.50	0.650	42.077	39.479	40.129	2.760	2.436	40.50
M 48.00	5.00	0.722	44.752	41.866	42.857	3.067	2.706	43.00
M 52.00	5.00	0.722	48.752	45.866	46.587	3.067	2.706	47.00
M 56.00	5.50	0.794	52.428	49.252	50.046	3.374	2.977	50.50
M 60.00	5.50	0.794	56.428	53.252	54.046	3.374	2.977	54.50
M 64.00	6.00	0.866	60.103	56.639	57.505	3.681	3.248	58.00
M 68.00	6.00	0.866	64.103	60.639	61.505	3.681	3.248	62.00

Metric fine pitch threads >>