

# MARYLAND METRICS

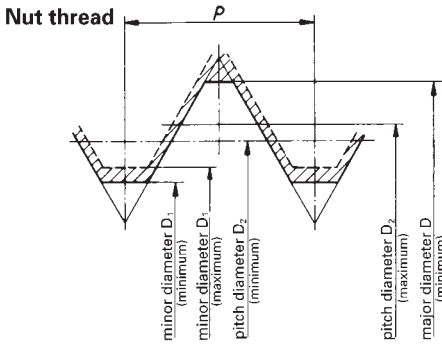
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## TECHNICAL INFORMATION and DATA



### Nut threads with tolerance class 5H resp. 6H (tolerance quality: medium)

Nut threads M 1 to M 1,4 are tolerance class 5H.

Nut threads M 1,6 to M 39 are tolerance class 6H.

### Limits of sizes for coarse threads

Thread size	Length of normal thread engagement		Major diameter D minimum	Pitch diameter D <sub>2</sub>		Minor diameter D <sub>1</sub>	
	from	to		minimum	maximum	minimum	maximum
M 1	0,6	1,7	1,000	0,838	0,894	0,729	0,785
M 1,2	0,6	1,7	1,200	1,038	1,094	0,929	0,985
M 1,4	0,7	2	1,400	1,205	1,265	1,075	1,142
M 1,6	0,8	2,6	1,600	1,373	1,458	1,221	1,321
M 1,8	0,8	2,6	1,800	1,573	1,658	1,421	1,521
M 2	1	3	2,000	1,740	1,830	1,567	1,679
M 2,5	1,3	3,8	2,500	2,208	2,303	2,013	2,138
M 3	1,5	4,5	3,000	2,675	2,775	2,459	2,599
M 3,5	1,7	5	3,500	3,110	3,222	2,850	3,010
M 4	2	6	4,000	3,545	3,663	3,242	3,422
M 5	2,5	7,5	5,000	4,480	4,605	4,134	4,334
M 6	3	9	6,000	5,350	5,500	4,917	5,153
M 7	3	9	7,000	6,350	6,500	5,917	6,153
M 8	4	12	8,000	7,188	7,348	6,647	6,912
M 10	5	15	10,000	9,026	9,206	8,376	8,676
M 12	6	18	12,000	10,863	11,063	10,106	10,441
M 14	8	24	14,000	12,701	12,913	11,835	12,210
M 16	8	24	16,000	14,701	14,913	13,835	14,210
M 18	10	30	18,000	16,376	16,600	15,294	15,744
M 20	10	30	20,000	18,376	18,600	17,294	17,744
M 22	10	30	22,000	20,376	20,600	19,294	19,744
M 24	12	36	24,000	22,051	22,316	20,752	21,252
M 27	12	36	27,000	25,051	25,316	23,752	24,252
M 30	15	45	30,000	27,727	28,007	26,211	26,771
M 33	15	45	33,000	30,727	31,007	29,211	29,771
M 36	18	53	36,000	33,402	33,702	31,670	32,270
M 39	18	53	39,000	36,402	36,702	34,670	35,270