



## Sharp thread according to DIN 13

### Nominal dimension

Dimensions in mm

Nominal dimension of thread $d = D$			Pitch	Pitch diameter	Core diameter		Depth of thread		Curve
Array 1	Array 2	Array 3	$P$	$d_2 = D_2$	$d_3$	$D_1$	$h_3$	$H_1$	$R$
1	1,1		0,25	0,838	0,693	0,729	0,153	0,135	0,036
			0,25	0,938	0,793	0,829	0,153	0,135	0,036
1,2	1,4		0,25	1,038	0,893	0,929	0,153	0,135	0,036
			0,3	1,205	1,032	1,075	0,184	0,162	0,043
1,6	1,8		0,35	1,373	1,171	1,221	0,215	0,189	0,051
			0,35	1,573	1,371	1,421	0,215	0,189	0,051
2	2,2		0,4	1,740	1,509	1,567	0,245	0,217	0,058
			0,45	1,908	1,648	1,713	0,276	0,244	0,065
2,5			0,45	2,208	1,948	2,013	0,276	0,244	0,065
			0,5	2,675	2,387	2,459	0,307	0,271	0,072
3	3,5		0,6	3,110	2,764	2,850	0,368	0,325	0,087
			0,7	3,545	3,141	3,242	0,429	0,379	0,101
4	4,5		0,75	4,013	3,580	3,688	0,460	0,406	0,108
			0,8	4,480	4,019	4,134	0,491	0,433	0,115
5			1	5,350	4,773	4,917	0,613	0,541	0,144
			1	6,350	5,773	5,917	0,613	0,541	0,144
8	7		1,25	7,188	6,466	6,647	0,767	0,677	0,180
			1,25	8,188	7,466	7,647	0,767	0,677	0,180
10	9		1,5	9,026	8,160	8,376	0,920	0,812	0,217
			1,5	10,026	9,160	9,376	0,920	0,812	0,217
12	11		1,75	10,863	9,853	10,106	1,074	0,947	0,253
			2	12,701	11,546	11,835	1,227	1,083	0,289
16	14		2	14,701	13,546	13,835	1,227	1,083	0,289
			2,5	16,376	14,933	15,294	1,534	1,353	0,361
20	18		2,5	18,367	16,933	17,294	1,534	1,353	0,361
			2,5	20,376	18,933	19,294	1,534	1,353	0,361
24	22		3	22,051	20,319	20,752	1,840	1,624	0,433
			3	25,051	23,319	23,752	1,840	1,624	0,433
30	27		3,5	27,727	25,706	26,211	2,147	1,894	0,505
			3,5	30,727	28,706	29,211	2,147	1,894	0,505
	33		3,5	30,727	28,706	29,211	2,147	1,894	0,505



Nominal dimension of thread $d = D$			Pitch	Pitch diameter	Core diameter		Depth of thread		Curve
Array 1	Array 2	Array 3	$P$	$d_2 = D_2$	$d_3$	$D_1$	$h_3$	$H_1$	$R$
<b>36</b>			4	33,402	31,093	31,670	2,454	2,165	0,577
	<b>39</b>		4	36,402	34,093	34,670	2,454	2,165	0,577
<b>42</b>			4,5	39,077	36,479	37,129	2,760	2,436	0,650
	<b>45</b>		4,5	42,077	39,479	40,129	2,760	2,436	0,650
<b>48</b>			5	44,752	41,866	42,587	3,067	2,706	0,722
	<b>52</b>		5	48,752	45,866	46,587	3,067	2,706	0,722
<b>56</b>			5,5	52,428	49,252	50,046	3,374	2,977	0,794
	<b>60</b>		5,5	56,428	53,252	54,046	3,374	2,977	0,794
<b>64</b>			6	60,103	56,639	57,505	3,681	3,248	0,866
	<b>68</b>		6	64,103	60,639	61,505	3,681	3,248	0,866

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