

ISO METRIC SCREW THREADS: Limit of sizes for screw threads with 6g tolerance class (ISO 965-2)

Thread	Pitch P	Major diameter d		Pitch diameter d ₂		Internal diameter d ₁
		max.	min.	max.	min.	max.
M3	0,5	2,980	2,874	2,655	2,580	2,439
M4	0,7	3,978	3,838	3,523	3,433	3,220
M5	0,8	4,976	4,826	4,456	4,361	4,110
M6	1	5,974	5,794	5,324	5,212	4,891
M8	1,25	7,972	7,760	7,160	7,042	6,619
M10	1,5	9,968	9,732	8,994	8,862	8,344
M12	1,75	11,966	11,701	10,829	10,679	10,072
M14	2	13,962	13,682	12,663	12,503	11,797
M16	2	15,962	15,682	14,663	14,503	13,797
M18	2,5	17,958	17,623	16,334	16,164	15,252
M20	2,5	19,958	19,623	18,334	18,164	17,252
M22	2,5	21,958	21,623	20,334	20,164	19,252
M24	3	23,952	23,577	22,003	21,803	20,704
M27	3	26,952	26,577	25,003	24,803	23,704
M30	3,5	29,947	29,522	27,674	27,462	26,158

fine thread

M8x1	1	7,974	7,794	7,324	7,212	6,891
M10x1,25	1,25	9,972	9,760	9,16	9,042	8,619
M12x1,25	1,25	11,972	11,760	11,160	11,028	10,619
M14x1,5	1,5	13,968	13,732	12,994	12,854	12,344
M16x1,5	1,5	15,968	15,732	14,994	14,854	14,344
M18x1,5	1,5	17,968	17,732	16,994	16,854	16,344
M20x1,5	1,5	19,968	19,732	18,994	18,854	18,344
M22x1,5	1,5	21,968	21,732	20,994	20,854	20,344
M24x2	2	23,962	23,682	26,663	22,493	21,797
M27x2	2	26,962	26,862	25,663	25,493	24,797
M30x2	2	29,962	29,682	28,663	28,493	27,797