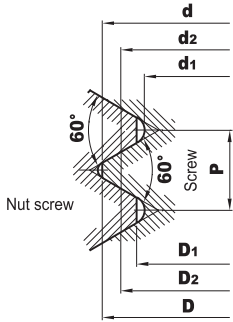


10.5 DIN 13 ISO Metric threads



ISO Metric fine threads – DIN 13 (Thread limits)													
Nominal thread-Ø	Gradient p	Screw with tolerance of 6g						Nut screw with tolerance of 6H					
		Ø major d		Ø pitch d2		Ø minor d1		Ø major D		Ø pitch D2		Ø minor D1	
		max.	min.	max.	min.	max.	min.	min.	max.	min.	max.	min.	max.
M5	0.5	4.980	4.874	4.655	4.580	4.367	4.273	5.000	Not specified	4.675	4.775	4.459	4.599
M6	0.5	5.980	5.874	5.655	5.570	5.367	5.263	6.000		5.675	5.787	5.459	5.599
M8	0.5	7.980	7.874	7.655	7.570	7.367	7.263	8.000		7.675	7.787	7.459	7.599
M10	0.5	9.980	9.874	9.655	9.570	9.367	9.263	10.000		9.675	9.787	9.459	9.599
M12	0.5	11.980	11.874	11.655	11.565		11.258	12.000		11.675	11.793	11.459	11.599
M6	0.75	5.978	5.838	5.491	5.391	5.058	4.929	6.000		5.513	5.645	5.188	5.378
M8	0.75	7.978	7.838	7.491	7.391	7.058	6.929	8.000		7.513	7.645	7.188	7.378
M10	0.75	9.798	9.838	9.491	9.391	9.057	8.929	10.000		9.513	8.645	9.188	9.378
M16	0.75	11.978	11.838	11.491	11.385	11.058	10.923	12.000		11.513	15.653	11.188	11.378
M20	0.75	15.978	15.838	15.491	15.385	15.508	14.923	16.000		15.513	11.653	15.188	15.378
M8	1	7.974	7.974	7.324	7.212	6.747	6.596	8.000		7.350	7.500	6.917	7.153
M10	1	9.974	9.974	9.324	9.212	8.747	8.596	10.000		9.350	9.500	8.917	9.153
M12	1	11.974	11.974	11.324	11.206	10.747	10.590	12.000		11.350	11.510	10.917	11.153
M16	1	15.974	15.974	15.324	15.206	14.747	14.590	16.000		15.350	15.510	14.917	15.153
M20	1	19.974	19.974	19.324	19.206	18.747	18.590	20.000		19.350	19.510	18.917	19.153
M12	1.5	11.698	11.732	10.994	10.854	10.128	9.930	12.000		11.026	11.216	10.376	10.676
M14	1.5	13.968	13.732	12.994	12.854	12.128	11.930	14.000		13.026	13.216	12.376	12.676
M16	1.5	15.968	15.732	14.994	14.854	14.128	13.930	16.000		15.026	15.216	14.376	14.676
M18	1.5	17.968	17.732	16.994	16.854	16.128	15.930	18.000		17.026	17.216	16.376	16.676
M20	1.5	19.968	19.732	18.994	18.854	18.128	17.930	20.000		19.026	19.216	18.376	18.676
M22	1.5	21.968	21.732	20.994	20.854	20.128	19.930	22.000		21.026	21.216	20.376	20.676
M26	1.5	25.968	25.732	24.994	24.844	24.128	23.920	26.000		25.026	25.226	24.376	24.676
M27	1.5	26.968	26.732	25.994	25.844	25.128	24.920	27.000		25.026	26.226	25.376	25.676
M30	1.5	26.968	39.732	28.994	28.844	28.128	27.920	30.000		29.026	29.226	28.376	28.676
M35	1.5	34.968	34.732	33.994	33.844	33.128	32.920	35.000		34.026	34.226	33.376	33.676
M40	1.5	34.968	39.732	38.994	38.844	38.128	37.920	40.000		39.026	39.226	38.376	38.676
M20	2	19.962	16.682	18.663	18.503	17.508	17.271	20.000		18.701	18.913	17.835	18.210
M24	2	23.962	23.682	22.663	22.493	24.508	21.261	24.000		22.701	22.925	21.835	22.210
M30	2	29.962	29.682	28.663	28.493	27.508	27.261	30.000	28.701	28.925	27.835	28.210	
M36	2	35.965	35.682	34.663	34.493	33.508	33.261	36.000	34.701	34.925	33.835	34.210	
M42	2	41.962	41.682	40.663	40.493	39.508	39.261	42.000	40.701	40.925	39.835	40.210	

ISO Metric threads – DIN 13 (Thread limits for standard engagement lengths to UNI 5545-65)													
Nominal thread-Ø	Gradient p	Screw with tolerance of 6g						Nut screw with tolerance of 6H					
		Ø major d		Ø pitch d2		Ø minor d1		Ø major D		Ø pitch D2		Ø minor D1	
		max.	min.	max.	min.	max.	min.	min.	max.	min.	max.	min.	max.
M4	0.7	3.978	3.838	3.523	3.433	3.220	2.979	4.000	Not specified	3.545	3.663	3.242	3.422
M5	0.8	4.976	4.826	4.456	4.361	4.110	3.842	5.000		4.480	4.605	4.134	4.334
M6	1	5.974	5.794	5.324	5.212	4.891	4.563	6.000		5.350	5.500	4.917	5.153
M8	1.25	7.972	7.760	7.160	7.042	6.619	6.230	8.000		7.188	7.348	6.647	6.912
M10	1.5	9.968	9.732	8.994	8.862	8.344	7.888	10.000		9.026	9.206	8.376	8.676
M12	1.75	11.966	11.701	10.829	10.679	10.072	9.543	12.000		10.863	11.063	10.106	10.441
M14	2	13.962	13.682	12.663	12.503	11.797	11.204	14.000		12.701	12.913	11.835	12.210
M16	2	15.962	15.682	14.663	14.503	13.797	13.204	16.000		14.701	14.913	13.835	14.210
M18	2.5	17.958	17.623	16.334	16.164	15.252	14.541	18.000		16.376	16.600	15.294	15.744
M20	2.5	19.958	19.623	18.344	18.164	17.252	16.541	20.000		18.376	18.600	17.294	17.744
M24	3	23.952	23.577	22.003	21.803	20.704	19.855	24.000		22.051	22.316	20.752	21.252
M30	3.5	29.947	29.522	27.674	27.462	26.158	25.189	30.000		27.727	28.007	26.211	26.771

