

Table of pitch diameters for metric threads in accordance with ISO 262

Metric threads, produced in accordance with the ISO standard, are valued for their consistency, versatility and easy selection. The dimensions of metric threads are expressed in millimeters.

The following table contains data that can help identify threads and select the correct components.

Nominal diameter (D, d)	Pitch (P)	Diameters (diagram ↓)			R maks.	(pid)/4
		d=D	d1=D1	d2=D2		
M0.25	0.075	0.25	0.178	0.201	0.015	0.021
M0.3	0.08	0.3	0.223	0.248	0.016	0.035
M0.35	0.09	0.35	0.264	0.292	0.018	0.049
M0.4	0.1	0.4	0.304	0.335	0.020	0.065
M0.45	0.1	0.45	0.354	0.385	0.020	0.090
M0.5	0.125	0.5	0.380	0.419	0.025	0.112
M0.55	0.125	0.55	0.430	0.469	0.025	0.132

M0.6	0.15	0.6	0.456	0.503	0.030	0.147
M0.7	0.175	0.7	0.532	0.586	0.035	0.200
M0.8	0.2	0.8	0.608	0.670	0.040	0.261
M0.9	0.225	0.9	0.684	0.754	0.045	0.330
M1	0.25	1	0.729	0.838	0.025	0.354
	0.2	1	0.788	0.870	0.020	0.427
M1.1	0.25	1.1	0.829	0.938	0.025	0.469
	0.2	1.1	0.883	0.970	0.020	0.550
M1.2	0.25	1.2	0.929	1.038	0.025	0.596
	0.2	1.2	0.983	1.070	0.020	0.690
M1.4	0.3	1.4	1.075	1.205	0.030	0.786
	0.2	1.4	1.183	1.270	0.020	1.020
M1.6	0.35	1.6	1.221	1.373	0.035	1.020
	0.2	1.6	1.383	1.470	0.020	1.410
M1.8	0.35	1.8	1.421	1.573	0.035	1.410
	0.2	1.8	1.583	1.670	0.020	1.850
M2	0.4	2	1.567	1.741	0.040	1.700
	0.25	2	1.729	1.838	0.025	2.190
M2.2	0.45	2.2	1.713	1.908	0.045	2.040
	0.25	2.2	1.929	2.038	0.025	2.750
M2.5	0.45	2.5	2.013	2.208	0.045	2.860
	0.35	2.5	2.121	2.273	0.035	3.270
	0.5	3	2.459	2.675	0.050	4.310

M3	0.35	3	2.621	2.773	0.035	5.070
M3.5	0.6	3.5	2.850	3.110	0.060	5.770
	0.35	3.5	3.121	3.273	0.035	7.260
M4	0.7	4	3.242	3.545	0.070	7.440
	0.5	4	3.459	3.675	0.050	8.760
M4.5	0.75	4.5	3.688	4.013	0.075	9.680
	0.5	4.5	3.959	4.175	0.050	11.600
M5	0.8	5	4.134	4.480	0.080	12.200
	0.5	5	4.459	4.675	0.050	14.800
M5.5	0.5	5.5	4.959	5.175	0.050	18.400
M6	1	6	4.917	5.350	0.100	17.200
	0.75	6	5.188	5.513	0.075	19.700
	0.5	6	5.459	6.675	0.500	22.400
M7	1	7	5.917	6.350	0.100	25.300
	0.75	7	6.188	6.513	0.075	28.400
	0.5	7	6.459	6.675	0.050	31.600
M8	1.25	8	6.647	7.188	0.125	31.700
	1	8	6.917	7.350	0.100	35.000
	0.75	8	7.188	7.513	0.075	38.600
	0.5	8	7.459	7.675	0.050	42.300
M9	1.25	9	7.647	8.188	0.125	42.500
	1	9	7.917	8.350	0.100	46.300
	0.75	9	8.188	8.513	0.075	50.400

	0.5	9	8.459	8.675	0.050	54.600
M10	1.5	10	8.376	9.026	0.150	50.600
	1.25	10	8.647	9.188	0.125	54.900
	1	10	8.917	9.350	0.100	59.200
	0.75	10	9.188	9.513	0.075	63.800
	0.5	10	9.459	9.675	0.050	68.500
M11	1.5	11	9.376	10.026	0.150	64.000
	1	11	9.917	10.350	0.100	73.600
	0.75	11	10.188	10.513	0.075	78.500
	0.5	11	10.459	10.675	0.050	83.300
M12	1.75	12	10.106	10.683	0.175	73.900
	1.5	12	10.376	11.026	0.150	78.500
	1.25	12	10.647	11.188	0.125	84.900
	1	12	10.917	11.350	0.100	89.900
	0.75	12	11.188	11.513	0.075	95.000
	0.5	12	11.459	11.675	0.050	100
M14	2	14	11.635	12.701	0.200	102
	1.5	14	12.376	13.026	0.150	113
	1.25	14	12.647	13.188	0.125	121
	1	14	12.917	13.350	0.100	127
	0.75	14	13.188	13.513	0.075	133
	0.5	14	13.459	13.675	0.050	139
	1.5	15	13.376	14.026	0.150	133

M15	1	15	13.917	14.350	0.100	147
M16	2	16	13.835	14.701	0.200	141
	1.5	16	14.376	15.026	0.150	154
	1	16	14.917	15.350	0.100	170
	0.75	16	15.188	15.513	0.075	177
	0.5	16	15.459	15.675	0.050	184
M17	1.5	17	15.376	16.026	0.150	177
	1	17	15.917	16.350	0.100	194
M18	2.5	18	15.294	16.376	0.250	170
	2	18	15.835	16.701	0.200	186
	1.5	18	16.376	17.026	0.150	201
	1	18	16.917	17.350	0.100	222
	0.75	18	17.188	17.513	0.075	227
	0.5	18	17.459	17.675	0.050	235
M20	2.5	20	17.294	18.376	0.250	219
	2	20	17.835	18.701	0.200	238
	1.5	20	18.376	19.026	0.150	254
	1	20	18.917	19.350	0.100	272
	0.75	20	19.188	19.513	0.075	284
	0.5	20	19.459	19.675	0.050	293
	2.5	22	19.294	20.376	0.250	275
	2	22	19.835	20.701	0.200	296
	1.5	22	20.376	21.026	0.150	314

M22	1	22	20.917	21.350	0.100	336
	0.75	22	21.188	21.513	0.075	346
	0.5	22	21.459	21.675	0.050	356
M24	3	24	20.752	22.051	0.300	317
	2	24	21.835	22.701	0.200	360
	1.5	24	22.376	23.026	0.150	380
	1	24	22.917	23.350	0.100	405
	0.75	24	23.188	23.513	0.075	415
M25	2	25	22.835	23.701	0.200	394
	1.5	25	23.376	24.026	0.150	415
	1	25	23.907	24.350	0.100	441
M26	1.5	26	24.376	25.026	0.150	452
M27	3	27	23.752	25.051	0.300	419
	2	27	24.835	25.701	0.200	468
	1.5	27	25.376	26.026	0.150	491
	1	27	25.907	26.350	0.100	519
	0.75	27	26.188	26.513	0.075	531
M28	2	28	25.835	26.701	0.200	507
	1.5	28	26.376	27.026	0.150	531
	1	28	26.917	27.350	0.100	560
	3.5	30	26.211	27.727	0.350	507
	3	30	26.752	28.051	0.300	535
	2	30	27.835	28.701	0.200	590

M30	1.5	30	28.376	29.026	0.150	616
	1	30	28.917	29.350	0.100	647
	0.75	30	29.188	29.513	0.075	661
M32	2	32	29.835	30.701	0.200	679
	1.5	32	30.376	31.026	0.150	707
M34	3.5	33	29.211	30.727	0.350	633
	3	33	29.752	31.051	0.300	665
	2	33	30.839	31.701	0.200	726
	1.5	33	31.376	32.026	0.150	755
	1	33	31.917	32.350	0.100	789
	0.75	33	32.188	32.513	0.075	804
M35	1.5	35	33.376	34.026	0.150	855
M36	4	36	31.670	33.402	0.400	740
	3	36	32.752	34.051	0.300	809
	2	36	33.835	34.701	0.200	876
	1.5	36	34.376	35.026	0.150	908
	1	36	34.917	35.350	0.100	940
M38	1.5	38	36.376	37.026	0.015	1018
M39	4	39	34.670	36.402	0.400	892
	3	39	35.752	37.051	0.300	968
	2	39	36.835	37.701	0.200	1040
	1.5	39	37.376	38.026	0.150	1075
	1	39	37.917	38.350	0.100	1116

M40	3	40	36.752	38.051	0.300	1024
	2	40	37.835	38.701	0.200	1099
	1.5	40	38.376	39.026	0.150	1134
M42	4.5	42	37.129	39.077	0.450	1024
	4	42	37.670	39.402	0.400	1058
	3	42	38.752	40.051	0.300	1140
	2	42	39.835	40.701	0.200	1219
	1.5	42	40.376	41.026	0.150	1257
	1	42	40.917	41.350	0.100	1301
M45	4.5	45	40.129	42.077	0.450	1201
	4	45	40.670	42.402	0.400	1238
	3	45	41.752	43.051	0.300	1327
	2	45	42.835	43.701	0.200	1412
	1.5	45	43.376	44.026	0.150	1452
	1	45	43.917	44.350	0.100	1500
M48	5	48	42.587	44.752	0.500	1346
	4	48	43.670	45.402	0.400	1432
	3	48	44.752	46.051	0.300	1527
	2	48	45.835	46.701	0.200	1619
	1.5	48	46.376	47.026	0.150	1662
	1	48	46.917	47.350	0.100	1713
M50	3	50	46.752	48.051	0.300	1669
	2	50	47.835	48.701	0.200	1765

	1.5	50	48.376	49.026	0.150	1810
M52	5	52	46.587	48.752	0.500	1619
	4	52	47.670	49.402	0.400	1713
	3	52	48.752	50.051	0.300	1817
	2	52	49.835	50.701	0.200	1917
	1.5	52	50.376	51.026	0.150	1963
	1	52	50.917	51.350	0.100	2019
M55	4	55	50.670	52.402	0.400	1940
	3	55	51.752	53.051	0.300	2051
	2	55	52.835	53.701	0.200	2157
	1.5	55	53.376	54.026	0.150	2206
M56	5.5	56	50.046	52.428	0.550	1870
	4	56	51.670	53.402	0.400	2019
	3	56	52.752	54.051	0.300	2132
	2	56	53.835	54.701	0.200	2240
	1.5	56	54.376	55.026	0.150	2290
	1	56	54.917	55.350	0.100	2350
M58	4	58	53.670	55.402	0.400	2181
	3	58	54.752	56.051	0.300	2291
	2	58	55.835	56.701	0.200	2411
	1.5	58	56.376	57.026	0.150	2463
	5.5	60	54.046	56.428	0.550	2190
	4	60	55.670	57.402	0.400	2350

M60	3	60	56.752	58.051	0.300	2472
	2	60	57.835	58.701	0.200	2588
	1.5	60	58.376	59.026	0.150	2642
	1	60	58.917	59.350	0.100	2706
M62	4	62	57.670	59.402	0.400	2525
	3	62	58.752	60.051	0.300	2651
	2	62	59.835	60.701	0.200	2771
	1.5	62	60.376	61.026	0.150	2827
M64	6	64	57.505	60.103	0.600	2472
	4	64	59.670	61.402	0.400	2706
	3	64	60.752	62.051	0.300	2837
	2	64	61.835	62.701	0.200	2961
	1.5	64	62.376	63.026	0.1500	3019
	1	64	62.917	63.350	0.100	3088

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