

ISO Metric profile					Reference Size (mm)	Unified Screw Threads				
Simple Thread Designation	Pitch mm	Major Dia				Thread Designation	Major Dia. (inch/mm)	threads per inch		
		max.	min.	avg.				Coarse (UNC)	Fine (UNF)	Extra Fine (UNEF)
M0.25x0.075	0.075	0.25	0.235	0.2425	0.2500					
M0.3x0.08	0.08	0.3	0.284	0.2920	0.3000					
M0.3x0.09	0.09	0.3	0.283	0.2915	0.3000					
M0.35x0.09	0.09	0.35	0.333	0.3415	0.3500					
M0.4x0.1	0.1	0.4	0.382	0.3910	0.4000					
M0.45x0.1	0.1	0.45	0.432	0.4410	0.4500					
M0.5x0.125	0.125	0.5	0.479	0.4895	0.5000					
M0.55x0.125	0.125	0.55	0.529	0.5395	0.5500					
M0.6x0.15	0.15	0.6	0.576	0.5880	0.6000					
M0.7x0.175	0.175	0.7	0.673	0.6865	0.7000					
M0.8x0.2	0.2	0.8	0.77	0.7850	0.8000					
M0.9x0.225	0.225	0.9	0.867	0.8835	0.9000					
M1	0.25	0.982	0.915	0.9485	1.0000					
M1x0.2	0.2	0.983	0.927	0.9550	1.0000					
M1.1x0.25	0.25	1.082	1.015	1.0485	1.1000					
M1.1x0.2	0.2	1.083	1.027	1.0550	1.1000					
M1.2	0.25	1.182	1.115	1.1485	1.2000					
M1.2x0.2	0.2	1.183	1.127	1.1550	1.2000					
M1.4	0.3	1.383	1.308	1.3455	1.4000					
M1.4x0.2	0.2	1.383	1.327	1.3550	1.4000					
					1.5240	#0	0.0600 \ 1.5240		#0-80	
M1.6	0.35	1.581	1.496	1.5385	1.6000					
M1.6x0.3	0.3	1.582	1.507	1.5445	1.6000					
M1.6x0.2	0.2	1.583	1.527	1.5550	1.6000					
M1.7x0.35	0.35	1.681	1.596	1.6385	1.7000					
M1.8	0.35	1.781	1.696	1.7385	1.8000					
M1.8x0.2	0.2	1.783	1.727	1.7550	1.8000					
					1.8542	#1	0.0730 \ 1.8542	#1-64	#1-72	
M2	0.4	1.981	1.886	1.9335	2.0000					
M2x0.25	0.25	1.982	1.915	1.9485	2.0000					
					2.1844	#2	0.0860 \ 2.1844	#2-56	#2-64	
M2.2	0.45	2.18	2.08	2.1300	2.2000					
M2.2x0.25	0.25	2.182	2.115	2.1485	2.2000					
M2.3x0.45	0.45	2.28	2.18	2.2300	2.3000					
M2.3x0.4	0.4	2.281	2.186	2.2335	2.3000					
M2.5	0.45	2.48	2.38	2.4300	2.5000					
M2.5x0.35	0.35	2.481	2.396	2.4385	2.5000					
					2.5146	#3	0.0990 \ 2.5146	#3-48	#3-56	
M2.6x0.45	0.45	2.58	2.48	2.5300	2.6000					
					2.8448	#4	0.1120 \ 2.8448	#4-40	#4-48	
M3	0.5	2.98	2.874	2.9270	3.0000					
M3x0.35	0.35	2.981	2.896	2.9385	3.0000					
					3.1750	#5	0.1250 \ 3.1750	#5-40	#5-44	
M3.5	0.6	3.479	3.354	3.4165	3.5000					
M3.5x0.35	0.35	3.481	3.396	3.4385	3.5000					
					3.5052	#6	0.1380 \ 3.5052	#6-32	#6-40	
M4	0.7	3.978	3.838	3.9080	4.0000					
M4x0.5	0.5	3.98	3.874	3.9270	4.0000					
					4.1656	#8	0.1640 \ 4.1656	#8-32	#8-36	
M4.5x0.75	0.75	4.478	4.338	4.4080	4.5000					
M4.5x0.5	0.5	4.48	4.374	4.4270	4.5000					
					4.8260	#10	0.1900 \ 4.8260	#10-24	#10-32	
M5	0.8	4.976	4.826	4.9010	5.0000					
M5x0.5	0.5	4.98	4.874	4.9270	5.0000					
					5.4864	#12	0.2160 \ 5.4864	#12-24	#12-28	#12-32
M5.5x0.5	0.5	5.48	5.374	5.4270	5.5000					
M6	1	5.974	5.794	5.8840	6.0000					
M6x0.8	0.8	5.976	5.826	5.9010	6.0000					
M6x0.75	0.75	5.978	5.838	5.9080	6.0000					
M6x0.7	0.7	5.978	5.838	5.9080	6.0000					
M6x0.5	0.5	5.98	5.874	5.9270	6.0000					
					6.1468	#14	0.2420 \ 6.1468	#14-xx		
					6.3500	1/4	0.2500 \ 6.3500	1/4-20	1/4-28	1/4-32
M7	1	6.974	6.794	6.8840	7.0000					
M7x0.75	0.75	6.978	6.838	6.9080	7.0000					

M7x0.5	0.5	6.98	6.874	6.9270	7.0000					
					7.9375	5/16	0.3125 \ 7.9375	5/16-18	5/16-24	5/16-32
M8	1.25	7.972	7.76	7.8660	8.0000					
M8x1	1	7.974	7.794	7.8840	8.0000					
M8x0.8	0.8	7.976	7.826	7.9010	8.0000					
M8x0.75	0.75	7.978	7.838	7.9080	8.0000					
M8x0.5	0.5	7.98	7.874	7.9270	8.0000					
M9x1.25	1.25	8.972	8.76	8.8660	9.0000					
M9x1	1	8.974	8.794	8.8840	9.0000					
M9x0.75	0.75	8.978	8.838	8.9080	9.0000					
M9x0.5	0.5	8.98	8.874	8.9270	9.0000					
					9.5250	3/8	0.3750 \ 9.5250	3/8-16	3/8-24	3/8-32
M10	1.5	9.968	9.732	9.8500	10.0000					
M10x1.25	1.25	9.972	9.76	9.8660	10.0000					
M10x1.12	1.12	9.973	9.783	9.8780	10.0000					
M10x1	1	9.974	9.794	9.8840	10.0000					
M10x0.75	0.75	9.978	9.838	9.9080	10.0000					
M10x0.5	0.5	9.98	9.874	9.9270	10.0000					
M11x1.5	1.5	10.968	10.732	10.8500	11.0000					
M11x1	1	10.974	10.794	10.8840	11.0000					
M11x0.75	0.75	10.978	10.838	10.9080	11.0000					
M11x0.5	0.5	10.98	10.874	10.9270	11.0000					
					11.1125	7/16	0.4375 \ 11.1125	7/16-14	7/16-20	7/16-28
M12	1.75	11.966	11.701	11.8335	12.0000					
M12x1.25	1.25	11.972	11.76	11.8660	12.0000					
M12x1	1	11.974	11.794	11.8840	12.0000					
M12x0.75	0.75	11.978	11.838	11.9080	12.0000					
M12x0.5	0.5	11.98	11.874	11.9270	12.0000					
					12.7000	1/2	0.5000 \ 12.7000	1/2-13	1/2-20	1/2-28
M14	2	13.962	13.682	13.8220	14.0000					
M14x1.5	1.5	13.968	13.732	13.8500	14.0000					
M14x1.25	1.25	13.972	13.76	13.8660	14.0000					
M14x1	1	13.974	13.794	13.8840	14.0000					
M14x0.75	0.75	13.978	13.838	13.9080	14.0000					
M14x0.5	0.5	13.98	13.874	13.9270	14.0000					
					14.2875	9/16	0.5625 \ 14.2875	9/16-12	9/16-18	9/16-24
M15x1.5	1.5	14.968	14.732	14.8500	15.0000					
M15x1	1	14.974	14.794	14.8840	15.0000					
					15.8750	5/8	0.6250 \ 15.8750	5/8-11	5/8-18	5/8-24
M16	2	15.962	15.682	15.8220	16.0000					
M16x1.6	1.6	15.968	15.756	15.8620	16.0000					
M16x1.5	1.5	15.968	15.732	15.8500	16.0000					
M16x1.25	1.25	15.972	15.76	15.8660	16.0000					
M16x1	1	15.974	15.794	15.8840	16.0000					
M16x0.75	0.75	15.978	15.838	15.9080	16.0000					
M16x0.5	0.5	15.98	15.874	15.9270	16.0000					
M17x1.5	1.5	16.968	16.732	16.8500	17.0000					
M17x1	1	16.974	16.794	16.8840	17.0000					
M18	2.5	17.958	17.623	17.7905	18.0000					
M18x2	2	17.962	17.682	17.8220	18.0000					
M18x1.5	1.5	17.968	17.732	17.8500	18.0000					
M18x1.25	1.25	17.972	17.76	17.8660	18.0000					
M18x1	1	17.974	17.794	17.8840	18.0000					
M18x0.75	0.75	17.978	17.838	17.9080	18.0000					
M18x0.5	0.5	17.98	17.874	17.9270	18.0000					
					19.0500	3/4	0.7500 \ 19.0500	3/4-10	3/4-16	3/4-20
M20	2.5	19.958	19.623	19.7905	20.0000					
M20x2	2	19.962	19.682	19.8220	20.0000					
M20x1.5	1.5	19.968	19.732	19.8500	20.0000					
M20x1	1	19.974	19.794	19.8840	20.0000					
M20x0.75	0.75	19.978	19.838	19.9080	20.0000					
M20x0.5	0.5	19.98	19.874	19.9270	20.0000					
M22x3	3	21.952	21.577	21.7645	22.0000					
M22	2.5	21.958	21.623	21.7905	22.0000					
M22x2	2	21.962	21.682	21.8220	22.0000					
M22x1.5	1.5	21.968	21.732	21.8500	22.0000					
M22x1	1	21.974	21.794	21.8840	22.0000					
M22x0.75	0.75	21.978	21.838	21.9080	22.0000					
M22x0.5	0.5	21.98	21.874	21.9270	22.0000					

					22.2250	7/8	0.8750 \ 22.2250	7/8-9	7/8-14	7/8-20
M24	3	23.952	23.557	23.7545	24.0000					
M24x2.5	2.5	23.958	23.623	23.7905	24.0000					
M24x2	2	23.962	23.682	23.8220	24.0000					
M24x1.5	1.5	23.968	23.732	23.8500	24.0000					
M24x1	1	23.974	23.794	23.8840	24.0000					
M24x0.75	0.75	23.978	23.838	23.9080	24.0000					
M25x2	2	24.962	24.682	24.8220	25.0000					
M25x1.5	1.5	24.968	24.732	24.8500	25.0000					
M25x1	1	24.974	24.794	24.8840	25.0000					
					25.4000	1	1.0000 \ 25.4000	1-8	1-12	1-20
M26x1.5	1.5	25.968	25.732	25.8500	26.0000					
M27	3	26.952	26.577	26.7645	27.0000					
M27x2	2	29.962	26.682	28.3220	27.0000					
M27x1.5	1.5	26.968	26.732	26.8500	27.0000					
M27x1	1	26.974	26.794	26.8840	27.0000					
M27x0.75	0.75	26.978	26.838	26.9080	27.0000					
M28x2	2	27.962	27.682	27.8220	28.0000					
M28x1.5	1.5	27.968	27.732	27.8500	28.0000					
M28x1	1	27.974	27.794	27.8840	28.0000					
M30	3.5	29.947	29.522	29.7345	30.0000					
M30x3	3	29.952	29.577	29.7645	30.0000					
M30x2.5	2.5	29.958	29.623	29.7905	30.0000					
M30x2	2	29.962	29.682	29.8220	30.0000					
M30x1.5	1.5	29.968	29.732	29.8500	30.0000					
M30x1	1	29.974	29.794	29.8840	30.0000					
M30x0.75	0.75	29.978	29.838	29.9080	30.0000					
M32x2	2	31.962	31.682	31.8220	32.0000					
M32x1.5	1.5	31.968	31.732	31.8500	32.0000					
M33	3.5	32.968	32.543	32.7555	33.0000					
M33x3	3	32.952	32.577	32.7645	33.0000					
M33x2	2	32.962	32.682	32.8220	33.0000					
M33x1.5	1.5	32.968	32.732	32.8500	33.0000					
M33x1	1	32.974	32.794	32.8840	33.0000					
M33x0.75	0.75	32.978	32.838	32.9080	33.0000					
M35x1.5	1.5	34.968	34.732	34.8500	35.0000					
M36	4	35.94	35.465	35.7025	36.0000					
M36x3	3	35.952	35.577	35.7645	36.0000					
M36x2	2	35.962	35.682	35.8220	36.0000					
M36x1.5	1.5	35.968	35.732	35.8500	36.0000					
M36x1	1	35.974	35.794	35.8840	36.0000					
M38x1.5	1.5	37.968	37.732	37.8500	38.0000					
M39	4	38.94	38.465	38.7025	39.0000					
M39x3	3	38.952	38.577	38.7645	39.0000					
M39x2	2	38.962	38.682	38.8220	39.0000					
M39x1.5	1.5	38.968	38.732	38.8500	39.0000					
M39x1	1	38.974	38.794	38.8840	39.0000					
M40x3	3	39.952	39.577	39.7645	40.0000					
M40x2.5	2.5	39.958	39.623	39.7905	40.0000					
M40x2	2	39.962	39.682	39.8220	40.0000					
M40x1.5	1.5	39.968	39.732	39.8500	40.0000					
M42	4.5	41.937	41.437	41.6870	42.0000					
M42x4	4	41.94	41.465	41.7025	42.0000					
M42x3	3	41.952	41.577	41.7645	42.0000					
M42x2	2	41.962	41.682	41.8220	42.0000					
M42x1.5	1.5	41.968	41.732	41.8500	42.0000					
M42x1	1	41.974	41.794	41.8840	42.0000					
M45	4.5	44.937	44.437	44.6870	45.0000					
M45x4	4	44.94	44.465	44.7025	45.0000					
M45x3	3	44.952	44.577	44.7645	45.0000					
M45x2	2	44.962	44.682	44.8220	45.0000					
M45x1.5	1.5	44.968	44.732	44.8500	45.0000					
M45x1	1	44.974	44.794	44.8840	45.0000					
M48	5	47.929	47.399	47.6640	48.0000					
M48x4	4	47.94	47.465	47.7025	48.0000					
M48x3	3	47.952	47.577	47.7645	48.0000					
M48x2	2	47.962	47.682	47.8220	48.0000					
M48x1.5	1.5	47.968	47.732	47.8500	48.0000					
M50x4	4	49.94	49.465	49.7025	50.0000					

M50x3	3	49.952	49.577	49.7645	50.0000				
M50x2	2	49.962	49.682	49.8220	50.0000				
M50x1.5	1.5	49.968	49.732	49.8500	50.0000				
M52	5	51.929	51.399	51.6640	52.0000				
M52x4	4	51.94	51.465	51.7025	52.0000				
M52x3	3	51.952	51.577	51.7645	52.0000				
M52x2	2	51.962	51.682	51.8220	52.0000				
M52x1.5	1.5	51.968	51.732	51.8500	52.0000				
M55x4	4	54.94	54.465	54.7025	55.0000				
M55x3	3	54.952	54.577	54.7645	55.0000				
M55x2	2	54.962	54.682	54.8220	55.0000				
M55x1.5	1.5	54.968	54.732	54.8500	55.0000				
M56	5.5	55.925	55.365	55.6450	56.0000				
M56x4	4	55.94	55.465	55.7025	56.0000				
M56x3	3	55.952	55.577	55.7645	56.0000				
M56x2	2	55.962	55.682	55.8220	56.0000				
M56x1.5	1.5	55.968	55.732	55.8500	56.0000				
M56x1	1	55.974	55.794	55.8840	56.0000				
M58x4	4	57.94	57.465	57.7025	58.0000				
M58x3	3	57.952	57.577	57.7645	58.0000				
M58x2	2	57.962	57.682	57.8220	58.0000				
M58x1.5	1.5	57.968	57.732	57.8500	58.0000				
M60	5.5	59.925	59.365	59.6450	60.0000				
M60x4	4	59.94	59.465	59.7025	60.0000				
M60x3	3	59.952	59.577	59.7645	60.0000				
M60x2	2	59.962	59.682	59.8220	60.0000				
M60x1.5	1.5	59.968	59.732	59.8500	60.0000				
M60x1	1	59.974	59.794	59.8840	60.0000				
M62x4	4	61.94	61.465	61.7025	62.0000				
M62x3	3	61.952	61.577	61.7645	62.0000				
M62x2	2	61.962	61.682	61.8220	62.0000				
M62x1.5	1.5	61.968	61.732	61.8500	62.0000				
M63x1.5	1.5	62.968	62.732	62.8500	63.0000				
M64	6	63.92	63.32	63.6200	64.0000				
M64x5.5	5.5	63.925	63.365	63.6450	64.0000				
M64x4	4	63.94	63.465	63.7025	64.0000				
M64x3	3	63.952	63.577	63.7645	64.0000				
M64x2	2	63.962	63.682	63.8220	64.0000				
M64x1.5	1.5	63.968	63.732	63.8500	64.0000				
M64x1	1	63.974	63.794	63.8840	64.0000				
M65x4	4	64.94	64.465	64.7025	65.0000				
M65x3	3	64.952	64.577	64.7645	65.0000				
M65x2	2	64.962	64.682	64.8220	65.0000				
M65x1.5	1.5	64.968	64.732	64.8500	65.0000				
M68x6	6	67.92	67.32	67.6200	68.0000				
M68x4	4	67.94	67.465	67.7025	68.0000				
M68x3	3	67.952	67.577	67.7645	68.0000				
M68x2	2	67.962	67.682	67.8220	68.0000				
M68x1.5	1.5	67.968	67.732	67.8500	68.0000				
M68x1	1	67.974	67.794	67.8840	68.0000				
M70x6	6	69.92	69.32	69.6200	70.0000				
M70x4	4	69.94	69.465	69.7025	70.0000				
M70x3	3	69.952	69.577	69.7645	70.0000				
M70x2	2	69.962	69.682	69.8220	70.0000				
M70x1.5	1.5	69.968	69.732	69.8500	70.0000				
M72x6	6	71.92	71.32	71.6200	72.0000				
M72x4	4	71.94	71.465	71.7025	72.0000				
M72x3	3	71.952	71.577	71.7645	72.0000				
M72x2	2	71.962	71.682	71.8220	72.0000				
M72x1.5	1.5	71.968	71.732	71.8500	72.0000				
M72x1	1	71.974	71.794	71.8840	72.0000				
M75x6	6	74.92	74.32	74.6200	75.0000				
M75x4	4	74.94	74.465	74.7025	75.0000				
M75x3	3	74.952	74.577	74.7645	75.0000				
M75x2	2	74.962	74.682	74.8220	75.0000				
M75x1.5	1.5	74.968	74.732	74.8500	75.0000				
M76x6	6	75.92	75.32	75.6200	76.0000				
M76x4	4	75.94	75.465	75.7025	76.0000				
M76x3	3	75.952	75.577	75.7645	76.0000				

M76x2	2	75.962	75.682	75.8220	76.0000				
M76x1.5	1.5	75.968	75.732	75.8500	76.0000				
M76x1	1	75.974	75.794	75.8840	76.0000				
M78x2	2	77.962	77.682	77.8220	78.0000				
M80x6	6	79.92	79.32	79.6200	80.0000				
M80x4	4	79.94	79.34	79.6400	80.0000				
M80x3	3	79.952	79.577	79.7645	80.0000				
M80x2	2	79.962	79.682	79.8220	80.0000				
M80x1.5	1.5	79.968	79.732	79.8500	80.0000				
M80x1	1	79.974	79.794	79.8840	80.0000				
M82x2	2	81.962	81.682	81.8220	82.0000				
M85x6	6	84.92	84.32	84.6200	85.0000				
M85x4	4	84.94	84.465	84.7025	85.0000				
M85x3	3	84.952	84.577	84.7645	85.0000				
M85x2	2	84.962	84.682	84.8220	85.0000				
M85x1.5	1.5	84.968	84.732	84.8500	85.0000				
M90x6	6	89.92	89.32	89.6200	90.0000				
M90x4	4	89.94	89.465	89.7025	90.0000				
M90x3	3	89.952	89.577	89.7645	90.0000				
M90x2	2	89.962	89.682	89.8220	90.0000				
M90x1.5	1.5	89.968	89.732	89.8500	90.0000				
M95x6	6	94.92	94.32	94.6200	95.0000				
M95x4	4	94.94	94.465	94.7025	95.0000				
M95x3	3	94.952	94.577	94.7645	95.0000				
M95x2	2	94.962	94.682	94.8220	95.0000				
M95x1.5	1.5	94.968	94.732	94.8500	95.0000				
M100x6	6	99.92	99.32	99.6200	100.0000				
M100x4	4	99.94	99.465	99.7025	100.0000				
M100x3	3	99.952	99.577	99.7645	100.0000				
M100x2	2	99.962	99.682	99.8220	100.0000				
M100x1.5	1.5	99.968	99.732	99.8500	100.0000				
M105x6	6	104.92	104.32	104.6200	105.0000				
M105x4	4	104.94	104.465	104.7025	105.0000				
M105x3	3	104.952	104.577	104.7645	105.0000				
M105x2	2	104.962	104.682	104.8220	105.0000				
M105x1.5	1.5	104.968	104.732	104.8500	105.0000				
M110x6	6	109.92	109.32	109.6200	110.0000				
M110x4	4	109.94	109.465	109.7025	110.0000				
M110x3	3	109.952	109.577	109.7645	110.0000				
M110x2	2	109.962	109.682	109.8220	110.0000				
M110x1.5	1.5	109.968	109.732	109.8500	110.0000				
M115x6	6	114.92	114.32	114.6200	115.0000				
M115x4	4	114.94	114.465	114.7025	115.0000				
M115x3	3	114.952	114.577	114.7645	115.0000				
M115x2	2	114.962	114.682	114.8220	115.0000				
M115x1.5	1.5	114.968	114.732	114.8500	115.0000				
M120x6	6	119.92	119.32	119.6200	120.0000				
M120x4	4	119.94	119.465	119.7025	120.0000				
M120x3	3	119.952	119.577	119.7645	120.0000				
M120x2	2	119.962	119.682	119.8220	120.0000				
M120x1.5	1.5	119.968	119.732	119.8500	120.0000				
M125x8	8	124.9	124.19	124.5450	125.0000				
M125x6	6	124.92	124.32	124.6200	125.0000				
M125x4	4	124.94	124.465	124.7025	125.0000				
M125x3	3	124.952	124.577	124.7645	125.0000				
M125x2	2	124.962	124.682	124.8220	125.0000				
M125x1.5	1.5	124.968	124.732	124.8500	125.0000				
M130x8	8	129.9	129.19	129.5450	130.0000				
M130x6	6	129.92	129.32	129.6200	130.0000				
M130x4	4	129.94	129.465	129.7025	130.0000				
M130x3	3	129.952	129.577	129.7645	130.0000				
M130x2	2	139.962	139.682	139.8220	130.0000				
M130x1.5	1.5	129.968	129.732	129.8500	130.0000				
M135x6	6	134.92	134.32	134.6200	135.0000				
M135x4	4	134.94	134.465	134.7025	135.0000				
M135x3	3	134.952	134.577	134.7645	135.0000				
M135x2	2	134.962	134.682	134.8220	135.0000				
M135x1.5	1.5	134.968	134.732	134.8500	135.0000				
M140x8	8	139.9	139.19	139.5450	140.0000				

M140x6	6	139.92	139.32	139.6200	140.0000				
M140x4	4	139.94	139.465	139.7025	140.0000				
M140x3	3	139.952	139.577	139.7645	140.0000				
M140x2	2	139.962	139.682	139.8220	140.0000				
M140x1.5	1.5	139.968	139.732	139.8500	140.0000				
M145x6	6	144.92	144.32	144.6200	145.0000				
M145x4	4	144.94	144.465	144.7025	145.0000				
M145x3	3	144.952	144.577	144.7645	145.0000				
M145x2	2	144.962	144.682	144.8220	145.0000				
M145x1.5	1.5	144.968	144.732	144.8500	145.0000				
M150x8	8	149.9	149.19	149.5450	150.0000				
M150x6	6	149.92	149.32	149.6200	150.0000				
M150x4	4	149.94	149.465	149.7025	150.0000				
M150x3	3	149.952	149.577	149.7645	150.0000				
M150x2	2	149.962	149.682	149.8220	150.0000				
M150x1.5	1.5	149.968	149.732	149.8500	150.0000				
M155x6	6	154.92	154.32	154.6200	155.0000				
M155x4	4	154.94	154.465	154.7025	155.0000				
M155x3	3	154.952	154.577	154.7645	155.0000				
M155x2	2	154.962	154.682	154.8220	155.0000				
M160x8	8	159.9	159.19	159.5450	160.0000				
M160x6	6	159.92	159.32	159.6200	160.0000				
M160x4	4	159.94	159.465	159.7025	160.0000				
M160x3	3	159.952	159.577	159.7645	160.0000				
M160x2	2	159.962	159.682	159.8220	160.0000				
M165x6	6	164.92	164.32	164.6200	165.0000				
M165x4	4	164.94	164.465	164.7025	165.0000				
M165x3	3	164.952	164.577	164.7645	165.0000				
M165x2	2	164.962	164.682	164.8220	165.0000				
M170x8	8	169.9	169.19	169.5450	170.0000				
M170x6	6	169.92	169.32	169.6200	170.0000				
M170x4	4	169.94	169.465	169.7025	170.0000				
M170x3	3	169.952	169.577	169.7645	170.0000				
M170x2	2	169.962	169.682	169.8220	170.0000				
M175x6	6	174.92	174.32	174.6200	175.0000				
M175x4	4	174.94	174.465	174.7025	175.0000				
M175x3	3	174.952	174.577	174.7645	175.0000				
M175x2	2	174.962	174.682	174.8220	175.0000				
M180x8	8	179.9	179.19	179.5450	180.0000				
M180x6	6	179.92	179.32	179.6200	180.0000				
M180x4	4	179.94	179.465	179.7025	180.0000				
M180x3	3	179.952	179.577	179.7645	180.0000				
M180x2	2	179.962	179.682	179.8220	180.0000				
M185x6	6	184.92	184.32	184.6200	185.0000				
M185x4	4	184.94	184.465	184.7025	185.0000				
M185x3	3	184.952	184.577	184.7645	185.0000				
M185x2	2	184.962	184.682	184.8220	185.0000				
M190x8	8	189.9	189.19	189.5450	190.0000				
M190x6	6	189.92	189.32	189.6200	190.0000				
M190x4	4	189.94	189.465	189.7025	190.0000				
M190x3	3	189.952	189.577	189.7645	190.0000				
M190x2	2	189.962	189.682	189.8220	190.0000				
M195x6	6	194.92	194.32	194.6200	195.0000				
M195x4	4	194.94	194.465	194.7025	195.0000				
M195x3	3	194.952	194.577	194.7645	195.0000				
M195x2	2	194.962	194.682	194.8220	195.0000				
M200x8	8	199.9	199.19	199.5450	200.0000				
M200x6	6	199.92	199.32	199.6200	200.0000				
M200x4	4	199.94	199.465	199.7025	200.0000				
M200x3	3	199.952	199.577	199.7645	200.0000				
M200x2	2	199.962	199.682	199.8220	200.0000				
M205x6	6	204.92	204.32	204.6200	205.0000				
M205x4	4	204.94	204.465	204.7025	205.0000				
M205x3	3	204.952	204.577	204.7645	205.0000				
M205x2	2	204.962	204.682	204.8220	205.0000				
M210x8	8	209.9	209.19	209.5450	210.0000				
M210x6	6	209.92	209.32	209.6200	210.0000				
M210x4	4	209.94	209.465	209.7025	210.0000				
M210x3	3	209.952	209.577	209.7645	210.0000				

M210x2	2	209.962	209.682	209.8220	210.0000				
M215x6	6	214.92	214.32	214.6200	215.0000				
M215x4	4	214.94	214.465	214.7025	215.0000				
M215x3	3	214.952	214.577	214.7645	215.0000				
M220x8	8	219.9	219.19	219.5450	220.0000				
M220x6	6	219.92	219.32	219.6200	220.0000				
M220x4	4	219.94	219.465	219.7025	220.0000				
M220x3	3	219.952	219.577	219.7645	220.0000				
M220x2	2	219.962	219.682	219.8220	220.0000				
M225x6	6	224.92	224.545	224.7325	225.0000				
M225x4	4	224.94	224.465	224.7025	225.0000				
M225x3	3	224.952	224.577	224.7645	225.0000				
M225x2	2	224.962	224.682	224.8220	225.0000				
M230x6	6	229.92	229.32	229.6200	230.0000				
M230x4	4	229.94	229.465	229.7025	230.0000				
M230x3	3	229.952	229.577	229.7645	230.0000				
M230x2	2	229.962	229.682	229.8220	230.0000				
M235x6	6	234.92	234.32	234.6200	235.0000				
M235x4	4	234.94	234.465	234.7025	235.0000				
M235x3	3	234.952	234.577	234.7645	235.0000				
M240x8	8	239.9	239.19	239.5450	240.0000				
M240x6	6	239.92	239.32	239.6200	240.0000				
M240x4	4	239.94	239.465	239.7025	240.0000				
M240x3	3	239.952	239.577	239.7645	240.0000				
M240x2	2	239.962	239.682	239.8220	240.0000				
M245x6	6	244.92	244.32	244.6200	245.0000				
M245x4	4	244.94	244.465	244.7025	245.0000				
M245x3	3	244.952	244.577	244.7645	245.0000				
M245x2	2	244.962	244.682	244.8220	245.0000				
M250x8	8	249.9	249.19	249.5450	250.0000				
M250x6	6	249.92	249.32	249.6200	250.0000				
M250x4	4	249.94	249.465	249.7025	250.0000				
M250x3	3	249.952	249.577	249.7645	250.0000				
M250x2	2	249.962	249.682	249.8220	250.0000				
M255x6	6	254.92	254.32	254.6200	255.0000				
M255x4	4	254.94	254.465	254.7025	255.0000				
M255x3	3	254.952	254.577	254.7645	255.0000				
M260x8	8	259.9	259.19	259.5450	260.0000				
M260x6	6	259.92	259.32	259.6200	260.0000				
M260x4	4	259.94	259.465	259.7025	260.0000				
M260x3	3	259.952	259.577	259.7645	260.0000				
M265x6	6	264.92	264.32	264.6200	265.0000				
M265x4	4	264.94	264.465	264.7025	265.0000				
M265x3	3	264.952	264.577	264.7645	265.0000				
M270x6	6	269.92	269.32	269.6200	270.0000				
M270x4	4	269.94	269.465	269.7025	270.0000				
M270x3	3	269.952	269.577	269.7645	270.0000				
M275x6	6	274.92	274.32	274.6200	275.0000				
M275x4	4	274.94	274.465	274.7025	275.0000				
M275x3	3	274.952	274.577	274.7645	275.0000				
M280x8	8	279.9	279.19	279.5450	280.0000				
M280x6	6	279.92	279.32	279.6200	280.0000				
M280x4	4	279.94	279.465	279.7025	280.0000				
M280x3	3	279.952	279.577	279.7645	280.0000				
M285x6	6	284.92	284.32	284.6200	285.0000				
M285x4	4	284.94	284.465	284.7025	285.0000				
M285x3	3	284.952	284.577	284.7645	285.0000				
M290x6	6	289.92	289.32	289.6200	290.0000				
M290x4	4	289.94	289.465	289.7025	290.0000				
M290x3	3	289.952	289.577	289.7645	290.0000				
M295x6	6	294.92	294.32	294.6200	295.0000				
M295x4	4	294.94	294.465	294.7025	295.0000				
M295x3	3	294.952	294.577	294.7645	295.0000				
M300x8	8	299.9	299.19	299.5450	300.0000				
M300x6	6	299.92	299.32	299.6200	300.0000				
M300x4	4	299.94	299.465	299.7025	300.0000				
M300x3	3	299.952	299.577	299.7645	300.0000				
M310x6	6	309.92	309.32	309.6200	310.0000				
M310x4	4	309.94	309.465	309.7025	310.0000				

M320x6	6	319.92	319.32	319.6200	320.0000				
M320x4	4	319.94	319.465	319.7025	320.0000				
M330x6	6	329.92	329.32	329.6200	330.0000				
M330x4	4	329.94	329.465	329.7025	330.0000				
M340x6	6	339.92	339.32	339.6200	340.0000				
M340x4	4	339.94	339.465	339.7025	340.0000				
M350x6	6	349.92	349.32	349.6200	350.0000				
M350x4	4	349.94	349.465	349.7025	350.0000				
M360x6	6	359.92	359.32	359.6200	360.0000				
M360x4	4	359.94	359.465	359.7025	360.0000				
M370x6	6	369.92	369.32	369.6200	370.0000				
M370x4	4	369.94	369.465	369.7025	370.0000				
M380x6	6	379.92	379.32	379.6200	380.0000				
M380x4	4	379.94	379.465	379.7025	380.0000				
M390x6	6	389.92	389.32	389.6200	390.0000				
M390x4	4	389.94	389.465	389.7025	390.0000				
M400x6	6	399.92	399.32	399.6200	400.0000				
M400x4	4	399.94	399.465	399.7025	400.0000				
M410x6	6	409.92	409.32	409.6200	410.0000				
M420x6	6	419.92	419.32	419.6200	420.0000				
M430x6	6	429.92	429.32	429.6200	430.0000				
M440x6	6	439.92	439.32	439.6200	440.0000				
M450x6	6	449.92	449.32	449.6200	450.0000				
M460x6	6	459.92	459.32	459.6200	460.0000				
M470x6	6	469.92	469.32	469.6200	470.0000				
M480x6	6	479.92	479.32	479.6200	480.0000				
M490x6	6	489.92	489.32	489.6200	490.0000				
M500x6	6	499.92	499.32	499.6200	500.0000				
M510x6	6	509.92	509.32	509.6200	510.0000				
M520x6	6	519.92	519.32	519.6200	520.0000				
M530x6	6	529.92	529.32	529.6200	530.0000				
M540x6	6	539.92	539.32	539.6200	540.0000				
M550x6	6	549.92	549.32	549.6200	550.0000				
M560x6	6	559.92	559.32	559.6200	560.0000				
M570x6	6	569.92	569.32	569.6200	570.0000				
M580x6	6	579.92	579.32	579.6200	580.0000				
M590x6	6	589.92	589.32	589.6200	590.0000				
M600x6	6	599.92	599.32	599.6200	600.0000				

