



# Metric Gear Racks

20° Pressure Angle DIN 782  
 Material: Steel 1.0503 (C45) AISI 1045  
 Tolerance: Overall  $\pm 0.5$ , Between Teeth  $\pm 0.02$

Part No.	Module	$h_a$	h	b	l	Weight kg
M1X250	1	15	14	15	250	0.412
M1X500	1	15	14	15	500	0.824
M1X1000	1	15	14	15	1,000	1.648
M1X2000	1	15	14	15	2,000	3.050
M1X2500	1	15	14	15	2,500	4.123
M1X3000	1	15	14	15	3,000	4.947
M1.5X500	1.5	17	15.5	17	500	1.035
M1.5X1000	1.5	17	15.5	17	1,000	2.070
M1.5X2000	1.5	17	15.5	17	2,000	3.830
M1.5X2500	1.5	17	15.5	17	2,500	5.175
M1.5X3000	1.5	17	15.5	17	3,000	6.210
M2X250	2	20	18	20	250	0.705
M2X500	2	20	18	20	500	1.410
M2X1000	2	20	18	20	1,000	2.820
M2X2000	2	20	18	20	2,000	5.115
M2X2500	2	20	18	20	2,500	7.050
M2X3000	2	20	18	20	3,000	8.460
M2.5X250	2.5	25	22.5	25	250	0.993
M2.5X500	2.5	25	22.5	25	500	1.990
M2.5X1000	2.5	25	22.5	25	1,000	3.970
M2.5X2000	2.5	25	22.5	25	2,000	7.350
M2.5X2500	2.5	25	22.5	25	2,500	9.925
M2.5X3000	2.5	25	22.5	25	3,000	11.910
M3X250	3	30	27	30	250	1.550
M3X500	3	30	27	30	500	3.100
M3X1000	3	30	27	30	1,000	6.200
M3X2000	3	30	27	30	2,000	11.470
M3X2500	3	30	27	30	2,500	15.500
M3X3000	3	30	27	30	3,000	18.600
M4X25X1000	4	25	21	25	1,000	5.167
M4X25X2000	4	25	21	25	2,000	10.333
M4X30X1000	4	30	26	30	1,000	6.100
M4X30X2000	4	30	26	30	2,000	11.700
M4X40X250	4	40	36	40	250	2.750
M4X40X500	4	40	36	40	500	5.500
M4X40X1000	4	40	36	40	1,000	11.000
M4X40X2000	4	40	36	40	2,000	20.350
M4X40X2500	4	40	36	40	2,500	27.500
M4X40X3000	4	40	36	40	3,000	33.000
M5X250	5	50	45	50	250	3.975
M5X500	5	50	45	50	500	7.950
M5X1000	5	50	45	50	1,000	15.900
M5X2000	5	50	45	50	2,000	29.415
M5X2500	5	50	45	50	2,500	39.750
M5X3000	5	50	45	50	3,000	47.700
M6X500	6	60	54	60	500	12.650
M6X1000	6	60	54	60	1,000	24.300
M6X2000	6	60	54	60	2,000	50.200
M6X2500	6	60	54	60	2,500	60.750
M6X3000	6	60	54	60	3,000	72.900
M8X500	8	80	72	80	500	21.400
M8X1000	8	80	72	80	1,000	42.700
M8X2000	8	80	72	80	2,000	85.400

Special modifications available upon request.