



Metric Gear Racks

20° Pressure Angle DIN 782

Continuous Mounting - Material: Stainless Steel 1.4305 (AISI 3030)

Part No.	Module	Height h_a	h	Width b (h11)	Length L
SSM1X10X500	1	9.8-0.10	8.8-0.10	10	500
SSM1X10X1000	1	9.8-0.15	8.8-0.15	10	1,000
SSM1.5X15X500	1.5	14.8-0.10	13.3-0.10	15	500
SSM1.5X15X1000	1.5	14.8-0.15	13.3-0.15	15	1,000
SSM2X20X1000	2	19.75-0.15	17.75-0.15	20	1,000
SSM2X20X2000	2	19.75-0.25	17.75-0.25	20	2,000
SSM3X30X1000	3	29.75-0.20	26.75-0.20	30	1,000
SSM3X30X2000	3	29.75-0.30	26.75-0.30	30	2,000
SSM4X40X1000	4	39.70-0.20	35.70-0.20	40	1,000
SSM4X40X2000	4	39.70-0.30	35.70-0.30	40	2,000

Induction Hardened, Continuous Mounting

Part No.	Module	Teeth	Height h_a (- tol.)	h (- tol.)	b tol. h11	theor. L	l (\pm tol.)	Weight kg
..M1X10X250	1	80	9.8 -0.10	8.8 -0.10	10	251.327	250.8 \pm 0.5	0.17
..M1X10X500	1	159	9.8 -0.10	8.8 -0.10	10	499.513	499.0 \pm 0.5	0.34
..M1X10X1000	1	318	9.8 -0.15	8.8 -0.15	10	999.026	998.5 \pm 0.5	0.68
..M1.5X15X250	1.5	53	14.8 -0.10	13.3 -0.10	15	249.757	249.3 \pm 0.5	0.39
..M1.5X15X500	1.5	106	14.8 -0.10	13.3 -0.10	15	499.513	499.1 \pm 0.5	0.78
..M1.5X15X1000	1.5	212	14.8 -0.15	13.3 -0.15	15	999.026	998.6 \pm 0.5	1.55
..M1.5X15X2000	1.5	424	14.8 -0.15	13.3 -0.15	15	1,998.053	1,997.6 \pm 0.5	3.10
..M2X20X500	2	80	19.75 -0.10	17.75 -0.10	20	502.655	502.1 \pm 0.5	1.40
..M2X20X1000	2	159	19.75 -0.15	17.75 -0.15	20	999.026	998.5 \pm 0.5	2.80
..M2X20X2000	2	318	19.75 -0.25	17.75 -0.25	20	1,998.053	1,997.5 \pm 0.5	5.60
..M2.5X25X500	2.5	64	24.75 -0.10	22.25 -0.10	25	502.655	502.1 \pm 0.3	2.10
..M2.5X25X1000	2.5	127	24.75 -0.15	22.25 -0.15	25	997.456	996.9 \pm 0.3	4.20
..M2.5X25X2000	2.5	255	24.75 -0.25	22.25 -0.25	25	2,002.765	2,002.3 \pm 0.3	8.40
..M3X30X500	3	53	29.75 -0.10	26.75 -0.10	30	499.513	498.9 \pm 0.5	3.10
..M3X30X1000	3	106	29.75 -0.20	26.75 -0.20	30	999.026	998.4 \pm 0.5	6.20
..M3X30X2000	3	212	29.75 -0.30	26.75 -0.30	30	1,998.053	1,997.4 \pm 0.5	12.40
..M4X40X500	4	40	39.70 -0.10	35.70 -0.10	40	502.655	501.9 \pm 0.5	5.50
..M4X40X1000	4	80	39.70 -0.20	35.70 -0.20	40	1,005.313	1,004.6 \pm 0.5	11.00
..M4X40X2000	4	159	39.70 -0.30	35.70 -0.30	40	1,998.053	1,997.3 \pm 0.5	22.00
..M5X50X500	5	32	49.70 -0.10	44.70 -0.10	50	502.655	501.8 \pm 0.6	8.60
..M5X50X1000	5	64	49.70 -0.20	44.70 -0.20	50	1,005.310	1,004.5 \pm 0.6	17.20
..M5X50X2000	5	128	49.70 -0.30	44.70 -0.30	50	2,010.619	2,009.8 \pm 0.6	34.40
..M6X60X500	6	27	59.65 -0.10	53.65 -0.10	60	508.938	508.0 \pm 0.6	12.30
..M6X60X1000	6	53	59.65 -0.20	53.65 -0.20	60	999.026	998.1 \pm 0.6	24.50
..M6X60X2000	6	106	59.65 -0.30	53.65 -0.30	60	1,998.053	1,997.2 \pm 0.6	49.00
..M8X80X500	8	20	79.60 -0.30	71.60 -0.30	80	502.655	501.4 \pm 0.7	21.40
..M8X80X1000	8	40	79.60 -0.40	71.60 -0.40	80	1,005.310	1,004.0 \pm 0.7	42.70
..M8X80X2000	8	80	79.60 -0.50	71.60 -0.50	80	2,010.619	2,009.4 \pm 0.7	85.40

Note: Add the prefix of the part number CM.. for continuous mounting or HTC.. for induction hardened, continuous mounting type rack