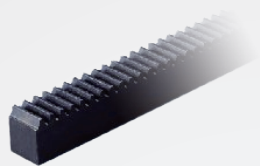


Rack M1~M3-Pressure angle 20°

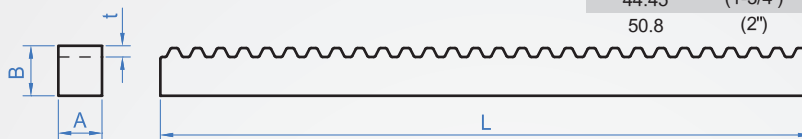
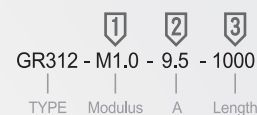
GR312



mm	Fractions
9.52	(3/8")
12.70	(1/2")
15.87	(5/8")
19.05	(3/4")
22.20	(7/8")
25.40	(1")
38.1	(1-1/2")
44.45	(1-3/4")
50.8	(2")

Material	Accuracy class	Teeth finish
S45C Carbon steel	JIS 4 (DIN8e25)	Milling

How to order



Module	A	L	B	Tooth No.	P	C
M0.5	5	300 (300.02)	12	191	1.572	11.5
M0.5	8	300 (299.08)	12.3	119	2.513	11.5
M1.0	9.5	1000 (999.02)	9.5	318	3.142	8.5
	12.7		11.7			
	15.9		14.9			
M1.5	12.7	1000 (999.03)	12.7	212	4.712	11.2
	15.9		14.4			
	19		17.5			
M2.0	15.9	1000 (999.02)	15.9	159	6.283	13.9
	19		17.0			
	22.2		20.2			
M2.5	19	1000 (997.45)	19	127	7.854	16.5
	22.2		19.7			
	25.4		22.9			
M3.0	25.4	1000 (999.03)	25.4	106	9.4	22.4
	31.7		28.7			
	38.1		35.1			
M4.0	38.1	1000 (1005.31)	38.1	80	12.566	34.1
	44.5		40.5			
M5.0	38.1	1000 (1005.31)	38.1	64	12.708	33.5
	44.5		39.5			
	50.8		45.8			

Instruction of Rack Assembly Steps

To assemble connected racks more smoothly, 2 ends of a standard rack would add half tooth which is convenient for next half tooth of next rack to be connected to a complete tooth. The following drawing shows how 2 racks connect and tooth gauge can control pitch position accurately.

1. When connecting racks, we recommend lock bores on the sides of rack first, and lock bores by the sequence of the foundation. With assembling the tooth gauge, pitch position of racks can be assembled accurately and completely.
2. Last, lock the position pins on 2 sides of rack; the assembly is completed.

