

# Resin Straight Rack/Circular Rack ▶ Module 0.5/0.8/1.0/1.5/2.0/2.5/3.0 Pressure Angle 20°



Please order according to the diagram

①~④ Select the type and parameters in the order of for ordering

■ L Dimension Specified Type

Model (① Code) - ② Module - ③ Hole Machining - ④ L  
EBEMR - 1.0 - ZA - L300

■ L Dimension Fixed Type

Model (① Code) - ② Module - ③ Specifications - ④ Hole Machining  
EBENR - 1.0 - 300 - ZA

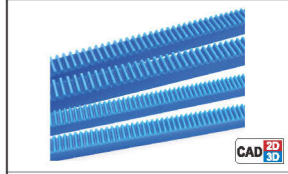


Discounted Price

Quantity 1-9 10-  
Price 100% Separate Quotation

Price Excluding Tax (Yen)

## Resin Straight Rack

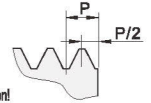


CAD 2D/3D



Code	Type	Material
EBEMR	L Dimension Specified Type	MC Nylon
EBENR	L Dimension Fixed Type	

■ End Face Dimension Drawing



Precision JIS B 1702-1 Grade 9

① Plastic racks may expand or contract due to temperature and humidity, so it is recommended to drill positioning holes only when ready to use to avoid affecting installation!

## L Dimension Specified Type

Code	Model	Module	Hole Machining	L	P Tooth Spacing	W	H	h
EBEMR		1.0	ZA (No Hole)	20~480	3.142	10	12	11
		1.5			4.712	15	20	18.5
		2.0			6.283	20	25	23
		2.5			7.854	25	30	27.5
		3.0			9.424	30	35	32

## L Dimension Fixed Type

Code	Model	Module	Specifications	Hole Machining	Z Effective Number Teeth	L	P Tooth Spacing	W	H	h
EBENR		1.0	300	ZA (No Hole)	95	298.45	3.142	10	12	11
			500		159	499.51				
		1.5	300		63	296.88	4.712	15	20	18.5
			500		106	499.51				
		2.0	300		47	295.31	6.283	20	25	23
			500		79	496.37				
		2.5	300		38	298.45	7.854	25	30	27.5
			500		63	494.8				
		3.0	300		31	292.17	9.424	30	35	32
			500		53	499.51				



Please order according to the diagram

①~④ Select the type and parameters in the order of for ordering

■ L Dimension Specified Type

Model (① Code) - ② Module - ③ L - ④ MA (MB)  
EBFMS - 0.5 - L50 - MB3



Discounted Price

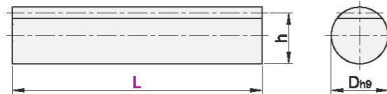
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Price Excluding Tax (Yen)

## Circular Rack



CAD 2D/3D



Code	Type	Material	Tooth Surface Hardness	Surface Treatment
EBFMS	L Dimension Specified Type	S45C	—	Black Oxide Finish
EBFMT		SUS303		—
EBFNS	L Dimension Fixed Type	S45C	—	Black Oxide Finish
EBFNT		SUS303		—

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## L Dimension Specified Type

Code	Model	Module	L	D <sub>ns</sub>	h	
EBFMS EBFMT		0.5	50~300	8	7.5	
				<sup>0</sup> / <sub>-0.036</sub>	7.2	
		1.0		10	9	
				<sup>0</sup> / <sub>-0.043</sub>	13.5	
		1.5		50~500	15	13.5
					<sup>0</sup> / <sub>-0.052</sub>	18

## L Dimension Fixed Type

Code	Model	Module	Specifications	Z Effective Number Teeth	D <sub>ns</sub>	L	h
EBFNS EBFNT		0.5	300	192	8	301.59	7.5
				120	<sup>0</sup> / <sub>-0.036</sub>	298.45	7.2
		1.0		95	10	499.51	9
				159		499.51	
		1.5		63	15	296.88	13.5
				106		499.51	
		2.0		47	20	295.31	18
				79		<sup>0</sup> / <sub>-0.052</sub>	

## Optional Processing

Model	Add Single-side Internal Threaded Holes	Add Double-side Internal Threaded Holes																				
Code	MA ( )	MB ( )																				
Technical Specification	<p>Selection Method MA5</p> <table border="1"> <thead> <tr> <th>Module</th> <th>M Selection</th> </tr> </thead> <tbody> <tr> <td>0.5</td> <td>3 4 5</td> </tr> <tr> <td>0.8</td> <td>3</td> </tr> <tr> <td>1.0</td> <td>4 5</td> </tr> <tr> <td>1.5~2.0</td> <td>4 5 6</td> </tr> </tbody> </table>	Module	M Selection	0.5	3 4 5	0.8	3	1.0	4 5	1.5~2.0	4 5 6	<p>Selection Method MB4</p> <table border="1"> <thead> <tr> <th>Module</th> <th>M Selection</th> </tr> </thead> <tbody> <tr> <td>0.5</td> <td>3 4 5</td> </tr> <tr> <td>0.8</td> <td>3</td> </tr> <tr> <td>1.0</td> <td>4 5</td> </tr> <tr> <td>1.5~2.0</td> <td>4 5 6</td> </tr> </tbody> </table>	Module	M Selection	0.5	3 4 5	0.8	3	1.0	4 5	1.5~2.0	4 5 6
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