
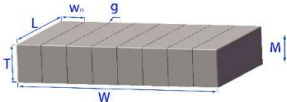


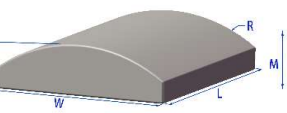
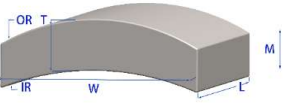


Regular Shapes and Magnetizing Direction	GD&T											
	Size Limit(mm)	Recommended Tolerance (mm)										
	Maximal Size: 50*50*84(M) or 160*80*30(M) Minimal Size: 2*1*0.35(M) *M means the Magnetizing Direction *Contact us for confirmation while the size is close to the limits(Max/Min),the same as below.	<table border="0"> <tr> <td>$W/L/T \geq 80$</td> <td>Tolerance: ± 0.20</td> </tr> <tr> <td>$50 \leq W/L/T < 80$</td> <td>Tolerance: ± 0.10</td> </tr> <tr> <td>$30 \leq W/L/T < 50$</td> <td>Tolerance: ± 0.05</td> </tr> <tr> <td>$W/L/T < 30$</td> <td>Tolerance: ± 0.03</td> </tr> </table> <p>*Considering the Dog-Bone-Effect in the plating process,the tolerances of long bar shape magnets with plating,such as 2*2*10mm with Nickel plating,need to be confirmed case by case.The same as below.</p>	$W/L/T \geq 80$	Tolerance: ± 0.20	$50 \leq W/L/T < 80$	Tolerance: ± 0.10	$30 \leq W/L/T < 50$	Tolerance: ± 0.05	$W/L/T < 30$	Tolerance: ± 0.03		
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	Segmented Magnet $W < 140\text{mm}$ $Wn > 0.75\text{mm} (*)$ $L < 160\text{mm}$ $T < 84\text{mm}$ *If the diffusion tech. is used,the Wn needs to be less than 8mm,because of the thickness limit of diffusion.	<table border="0"> <tr> <td>$W/L/T \geq 80$</td> <td>Tolerance: ± 0.20</td> </tr> <tr> <td>$50 \leq W/L/T < 80$</td> <td>Tolerance: ± 0.10</td> </tr> <tr> <td>$30 \leq W/L/T < 50$</td> <td>Tolerance: ± 0.05</td> </tr> <tr> <td>$W/L/T < 30$</td> <td>Tolerance: ± 0.03</td> </tr> </table> <p>g(adhesive thickness) is optional: optional 1: 0.065 ± 0.02 optional 2: 0.10 ± 0.02</p>	$W/L/T \geq 80$	Tolerance: ± 0.20	$50 \leq W/L/T < 80$	Tolerance: ± 0.10	$30 \leq W/L/T < 50$	Tolerance: ± 0.05	$W/L/T < 30$	Tolerance: ± 0.03		
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	$2.0 < D(\text{Diameter}) < 100$ $0.5 \leq T < 50$	<table border="0"> <tr> <td>$80 \leq D < 100$</td> <td>Tolerance: ± 0.20</td> </tr> <tr> <td>$50 \leq D < 80$</td> <td>Tolerance: ± 0.10</td> </tr> <tr> <td>$30 \leq D/T < 50$</td> <td>Tolerance: ± 0.05</td> </tr> <tr> <td>$D/T < 30$</td> <td>Tolerance: ± 0.03</td> </tr> </table>	$80 \leq D < 100$	Tolerance: ± 0.20	$50 \leq D < 80$	Tolerance: ± 0.10	$30 \leq D/T < 50$	Tolerance: ± 0.05	$D/T < 30$	Tolerance: ± 0.03		
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	$2.0 < OD(\text{Outer Diameter}) < 100$ $ID(\text{Inner Diameter}) > 1.0$ $WT(\text{Wall Thickness}) > 0.8\text{mm} (*)$ $0.5 \leq T < 50$ *Large ring($OD > 10$) with small wall thickness($< 2\text{mm}$) needs our confirmation.	<table border="0"> <tr> <td>$80 \leq OD/ID < 100$</td> <td>Tolerance: ± 0.20</td> </tr> <tr> <td>$50 \leq OD/ID < 80$</td> <td>Tolerance: ± 0.10</td> </tr> <tr> <td>$30 \leq OD/T < 50$</td> <td>Tolerance: ± 0.05</td> </tr> <tr> <td>$OD/T < 30$</td> <td>Tolerance: ± 0.03</td> </tr> <tr> <td>$ID < 50$</td> <td>Tolerance: ± 0.05</td> </tr> </table>	$80 \leq OD/ID < 100$	Tolerance: ± 0.20	$50 \leq OD/ID < 80$	Tolerance: ± 0.10	$30 \leq OD/T < 50$	Tolerance: ± 0.05	$OD/T < 30$	Tolerance: ± 0.03	$ID < 50$	Tolerance: ± 0.05
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