



Magnetic Products, Inc.  
Highland, Michigan | mpmagnet.com

# WORKLOAD LIMIT FOR PLATES AND ROUNDS (AISI 1020 STEEL)\*

	Material thickness (in.)	Clean and smooth ground surface Air gap <0.00394 in		Corroded and hot-rolled surface Air gap 0.00394 - 0.0118 in		Irregular and rough surface Air gap 0.0118 in. - 0.0196 in		Very rough surface Air gap > 0.0196
		Max dimensions LxW (in)	Weight limit (lbs)	Max dimensions LxW (in)	Weight limit (lbs)	Max dimensions LxW (in)	Weight limit (lbs)	
<b>BMP-3968</b>	≥1.97	78 x 78	3968	65 x 59	2270	59 x 59	2050	Ask your supplier for advice
	1.49	74 x 74	2491	70 x 59	2050	70 x 59	1873	
	.984	82 x 82	2248	82 x 70	1851	82 x 70	1675	
	.748	94 x 82	1763	82 x 70	1455	82 x 70	1300	
	.511	94 x 82	1256	82 x 82	1036	82 x 70	925	
	.393	82 x 82	859	82 x 70	683	82 x 59	595	
	.236	78 x 78	551	78 x 59	440	70 x 59	330	
<b>BMP-7936</b>	≥2.75	-	7936	-	7495	-	7054	Ask your supplier for advice
	1.57	106 x 106	5015	94 x 94	5379	94 x 82	5114	
	1.18	118 x 118	3814	106 x 106	3461	106 x 94	3130	
	.787	118 x 118	2755	106 x 106	2513	106 x 94	2314	
	.590	118 x 118	2028	106 x 106	1851	106 x 94	1719	
	.393	106 x 106	1344	106 x 94	1278	94 x 94	1146	
	.236	118 x 106	815	106 x 94	771	106 x 94	705	
				Diameter (in)		Weight limit (lbs)		Max length (mm)
				BMP-1800	BMP-3600	BMP-1800	BMP-3600	
BMP-1800/3600	Load type			Ø1.57- Ø17.3	Ø1.77-Ø19.6	2491	4982	236