



**MAGNETIC PRODUCTS, INC.**

ENGINEERED METAL CONTROL SOLUTIONS

# Sheet Separator Standard

**Series: SS**



## Application

MPI's Standard Sheet Separators meet the needs of demanding manufacturing environments. They are designed to improve productivity and employee safety in sheet handling operations. These magnets can also provide significant benefits in reducing costs by eliminating "doubles" when handling oily, sticky, or pre-finished sheet stock in an automated stamping, forming, or shearing operations.

## Operation

Sheet Separators utilize the basic laws of magnetic "like poles" repelling characteristics in their use and operation. By inducing "like" magnetic fields into a stack of steel sheets or plates, repelling forces are created from sheet to sheet, forcing them to separate from each other.

## Standard Features

- Rugged all-welded construction
- Ceramic 8 magnet material
- 100% Stainless Steel housing

## Options

- Special mounting brackets
- Removable wear strips
- Optional sizes
- Rare Earth magnet material

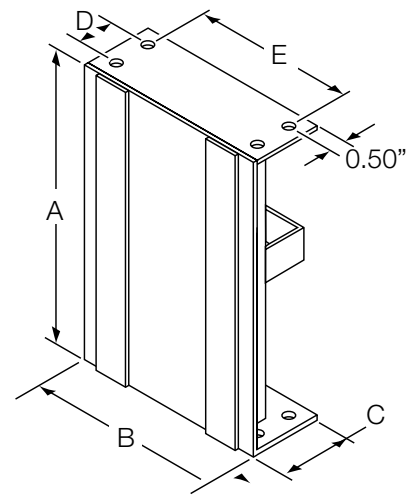
*\*Specifications subject to change*

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**MPI**

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Four series of Standard Sheet Separators, each with their own specific advantages, so you can create a design solution that fits your application needs and still save you money. It is recommended that the sheet separator be at least 2 inches taller than the stacked steel height, for optimum operation.



## SS Selection Guide

SHEET SIZE INCHES	SHEET METAL THICKNESS											
	FOR 22 GA.		FOR 16 GA.		FOR 11 GA.		FOR 1/4" Plate					
6 X 12	USE MODEL SS-600		USE MODEL 600		USE MODEL 800		USE MODEL 800					
12 X 12	USE MODEL SS-600		USE MODEL 800		USE MODEL 800		USE MODEL 800					
12 X 24	USE MODEL SS-600		USE MODEL 800		USE MODEL 1000		USE MODEL 1200					
24 X 24	USE MODEL SS-800		USE MODEL 1000		USE MODEL 1000		USE MODEL 1200					
24 X 36	USE (2) MODEL SS - 800		USE (2) MODEL 1000		USE MODEL 1200		USE MODEL 1200					
36 X 36	USE (2) MODEL SS - 800		USE (2) MODEL 1000		USE (2) MODEL 1200		USE (2) MODEL 1200					
600 SERIES SPECIFICATIONS												
MODEL NUMBER	HEIGHT "A"		WIDTH "B"		HOLE		"C"		"D"		HOLE SPACING "E"	
	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM
SS - 605	5	127	6	152	.281	7	2.25	57	1.12	28.45	5	127
SS - 609	9	229	6	152	.281	7	2.25	57	1.12	28.45	5	127
SS - 612	12	305	6	152	.281	7	2.25	57	1.12	28.45	5	127
SS - 618	18	457	6	152	.281	7	2.25	57	1.12	28.45	5	127
800 SERIES SPECIFICATIONS												
MODEL NUMBER	HEIGHT "A"		WIDTH "B"		HOLE		"C"		"D"		HOLE SPACING "E"	
	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM
SS - 809	9	229	8	203	.281	7.13	3.5	89	2.37	60.2	7	178
SS - 812	12	305	8	203	.281	7.13	3.5	89	2.37	60.2	7	178
SS - 818	18	457	8	203	.281	7.13	3.5	89	2.37	60.2	7	178
SS - 824	24	610	8	203	.281	7.13	3.5	89	2.37	60.2	7	178
1000 SERIES SPECIFICATIONS												
MODEL NUMBER	HEIGHT "A"		WIDTH "B"		HOLE		"C"		"D"		HOLE SPACING "E"	
	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM
SS - 1009	9	229	10	254	.281	7.13	4	102	2.87	72.9	9	229
SS - 1012	12	305	10	254	.281	7.13	4	102	2.87	72.9	9	229
SS - 1018	18	457	10	254	.281	7.13	4	102	2.87	72.9	9	229
SS - 1024	24	610	10	254	.281	7.13	4	102	2.87	72.9	9	229
1200 SERIES SPECIFICATIONS												
MODEL NUMBER	HEIGHT "A"		WIDTH "B"		HOLE		"C"		"D"		HOLE SPACING "E"	
	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM
SS - 1209	9	229	12	304	.281	7.13	4.75	121	3.62	91.95	11	279
SS - 1212	12	305	12	304	.281	7.13	4.75	121	3.62	91.95	11	279
SS - 1218	18	457	12	304	.281	7.13	4.75	121	3.62	91.95	11	279
SS - 1224	24	610	12	304	.281	7.13	4.75	121	3.62	91.95	11	279

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