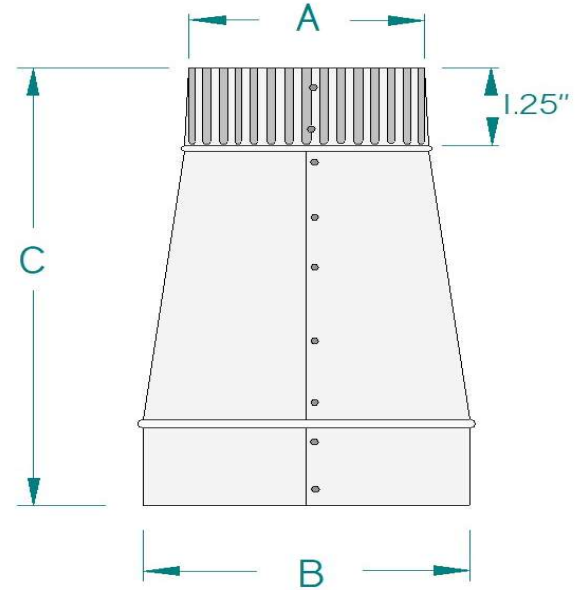


Joval
MFG. CO., INC.
 Ph. 504-835-7247
 Fax 504-835-6586
 www.joval.com

REDUCERS / INCREASERS

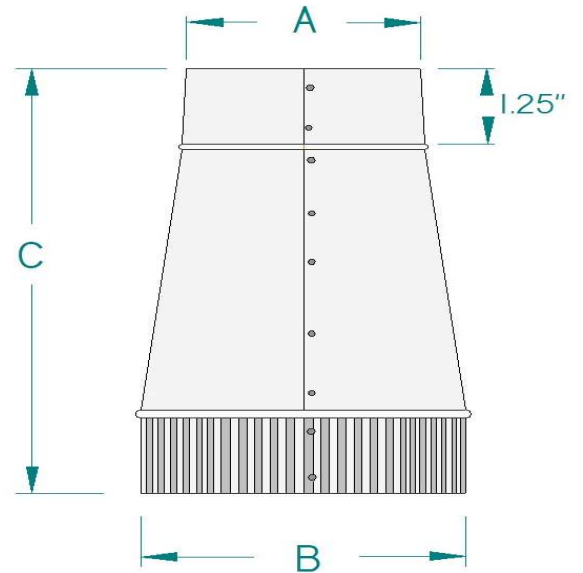
A1100 SERIES / REDUCERS

PART #	Desc.	GA.	A	B	C
A1101	6" - 5"	30	4.75"	6"	5.75"
A1102	7" - 6"	30	5.75"	7"	6.5"
A1103	8" - 6"	30	5.75"	8"	6.5"
A1104	8" - 7"	30	6.75"	8"	6.75"
A1105	9" - 7"	30	6.75"	9"	6.5"
A1106	10" - 6"	30	5.75"	10"	7"
A1107	10" - 7"	30	6.75"	10"	6.5"
A1108	10" - 8"	30	7.75"	10"	6"
A1109	12" - 8"	30	7.75"	12"	7.5"
A1110	12" - 10"	30	9.75"	12"	5.75"
A1112	14" - 12"	30	11.75"	14"	6"
A1113	16" - 14"	30	13.75"	16"	5.5"
A1114	4" - 3"	30	2.75"	4"	5.75"
A1115	5" - 4"	30	3.75"	5"	5.75"
A1116	9" - 8"	30	7.75"	9"	6.75"
A1117	10" - 9"	30	8.75"	10"	5.75"



A1100I SERIES / INCREASERS

PART #	Desc.	GA.	A	B	C
A1101I	5" - 6"	30	4.75"	6"	5.75"
A1102I	6" - 7"	30	5.75"	7"	6.5"
A1103I	6" - 8"	30	5.75"	8"	6.5"
A1104I	7" - 8"	30	6.75"	8"	6.75"
A1105I	7" - 9"	30	6.75"	9"	6.5"
A1106I	6" - 10"	30	5.75"	10"	7"
A1107I	7" - 10"	30	6.75"	10"	6.5"
A1108I	8" - 10"	30	7.75"	10"	6"
A1109I	8" - 12"	30	7.75"	12"	7.5"
A1110I	10" - 12"	30	9.75"	12"	5.75"
A1112I	12" - 14"	30	11.75"	14"	6"
A1113I	14" - 16"	30	13.75"	16"	5.5"
A1114I	3" - 4"	30	2.75"	4"	5.75"
A1115I	4" - 5"	30	3.75"	5"	5.75"
A1116I	8" - 9"	30	7.75"	9"	6.75"
A1117I	9" - 10"	30	8.75"	10"	5.75"



NOTES:

FOR PROPER PLACEMENT OF THE CRIMPING, PLEASE SPECIFY WHEN ORDERING INCREASERS. WE CAN ALSO PRODUCE ADDITIONAL SIZES OTHER THAN THOSE LISTED HERE. PLEASE CALL FOR PRICING AND AVAILABILITY.