

AL Series

This Expander is used to enlarge the ends of soft tube so that another tube of same size can be inserted into the expanded section and soldered for a leak proof joint. These Expanders are designed to leave 0.015" clearance for slip fit and soldering. Special sizes and shanks on order. Average depth of expansion is 3/4". Specify tube gauge on order.

We have made these up to 3.0" (76mm) and are used often by the greenhouse industries within Canada and the USA.

The chart below gives three values:

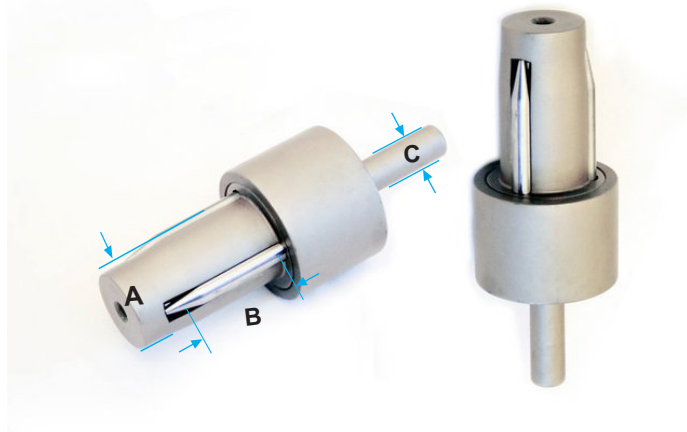
(A) is the maximum expansion which would allow the same OD tube to be inserted and allow a play for a soldered joint.

(B) is the length of the roll which will be produced within the tube.

(C) is the diameter of the drive shaft for the individually sized tool.

POWERMASTER INDUSTRIAL SUPPLIES LTD

Tel: (613) 764-0572 sales@tubetools.ca



Tube O.D.		Expander No.	Rollers Set No.	A		B		C	
mm	inch			mm	inch	mm	inch	mm	inch
7.93	5/16	AL-312	ALR-312	8.38	0.33	15.87	5/8	6.35	1/4
9.53	3/8	AL-375	ALR-375	9.90	0.39	15.87	5/8	6.35	1/4
11.11	7/16	AL-407	ALR-407	11.43	0.45	15.87	5/8	7.93	5/16
12.70	1/2	AL-500	ALR-500	13.20	0.52	15.87	5/8	7.93	5/16
14.28	9/16	AL-562	ALR-562	14.73	0.58	19.05	3/4	7.93	5/16
15.87	5/8	AL-625	ALR-625	16.25	0.64	19.05	3/4	7.93	5/16
19.05	3/4	AL-750	ALR-750	19.55	0.77	19.05	3/4	9.52	3/8
22.22	7/8	AL-875	ALR-875	22.60	0.89	19.05	3/4	9.52	3/8
25.40	1	AL-1000	ALR-1000	25.65	1.01	25.40	1	9.52	3/8
28.57	1.1/8	AL-1125	ALR-1125	28.95	1.14	25.40	1	12.70	1/2
31.75	1.1/4	AL-1250	ALR-1250	32.25	1.27	25.40	1	12.70	1/2
34.92	1.3/8	AL-1375	ALR-1375	35.30	1.39	25.40	1	12.70	1/2
38.10	1.1/2	AL-1500	ALR-1500	38.60	1.52	25.40	1	12.70	1/2
41.27	1.5/8	AL-1625	ALR-1625	41.65	1.64	25.40	1	14.28	9/16

Note : All 'AL' series expanders are supplied with round mandrel

For all your tooling requirements contact:

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