

Airetool®

Product Catalog



Condenser & Boiler Expanders

Rolling Controls

Pipe & Tube Cleaners

Installation & Removal Tools



Equipment Group International





Linsen Flaring Expander

O.D. Range: 1/4" – 2-5/8" (6.3 – 66.7 mm)

These special expanders are designed for making tubing connections without fittings. Using a drill press, lathe, or other power-driven tool, the Linsen expander enlarges the end of the tube leaving a .015" clearance for slip-fit and soldering of another tube of the same size. Can be used on copper, brass, aluminum, and thin steel tubing. Always specify tube gauge when ordering.

- Expanders with 2-1/4" (57.1 mm) long rolls will accommodate tube sheet thicknesses of 1/2" to 4" (12.7 mm to 101.6 mm).
- Eliminates extra fittings which saves on installation costs.

Expander*	Order Number	Tube O.D.		Cup Length		Shank Diameter (Round)	
		in.	mm	in.	mm	in.	mm
AL 250	5518385	1/4	6.3	0.437	11.1	0.250	6.35
AL 312	5146300	5/16	7.9	0.625	15.87	0.250	6.35
AL 375	5146400	3/8	9.5	0.625	15.87	0.250	6.35
AL 500	5146600	1/2	12.7	0.625	15.87	0.312	7.92
AL 625	5146800	5/8	15.8	0.750	19.05	0.312	7.92
AL 750	5146900	3/4	19.0	0.750	19.05	0.375	9.52
AL 875	5147000	7/8	22.2	0.750	19.05	0.375	9.52
AL 1000	5146000	1	25.4	1.000	25.40	0.500	12.70
AL 1125	5147100	1-1/8	28.5	1.000	25.40	0.500	12.70
AL 1250	5147200	1-1/4	31.7	1.000	25.40	0.500	12.70
AL 1375	5147300	1-3/8	34.9	1.000	25.40	0.500	12.70
AL 1500	5146100	1-1/2	38.1	1.000	25.40	0.625	15.87
AL 1625	5147400	1-5/8	41.2	1.000	25.40	0.625	15.87
AL 2000	5146200	2	50.8	1.000	25.40	0.625	15.87
AL 2125	5512247	2-1/8	53.9	1.000	25.40	0.625	15.87
AL 2625	5524547	2-5/8	66.6	1.000	25.40	.562 (Hex)	14.27 (Hex)

* Other sizes may be available. Contact customer service for details.



SR Expander*

The "SR" Short Reach Expanders incorporate a rapid taper on the mandrel that allows full expansion of a tube with minimum travel of the mandrel. The mandrel is retained at the rear of the expander to shorten the mandrel length which allows use near sharp tube bends. These expanders are made to order so application details must be provided ahead of time.

- Compact expander allows operation in confined areas.
- Short mandrel length used in "bent tube" applications.



Sugar Mill Evaporator Expanders*

Fixed roll length special expanders which are either power or hand-driven. Expanders are built precisely to order. Please provide detailed job parameters when inquiring these products.

- Designed for the repair and construction of juice tube evaporators.
- Five Roll design to over come spring back effect of thin wall tubing ensuring tight joints the first time.
- Extended version of this expander allows for all tube rolling activities to occur from the top of the unit.



"PST" Pipe Sizing Expander*

The "PST" Expanders are designed to true pipe ends and enlarge the pipe end diameter in two easy steps, providing the correct clearance between the pipe O.D. and the I.D. of a fitting before making a silver solder or brazed welded joint.

- Portable expanders suitable for field work using hand tools or ratchet wrenches.
- Accurate expansion of pipe end using quality hardened parts for greater durability.
- Threaded mandrel allows fine adjustment for accurate sizing of the pipe end.



Collins Expander*

O.D. Range: 1/2" – 4-1/2" (12.7 – 113.8 mm)

Collins self-feeding tube expanders are tough, durable, and powerful. These nonparallel rolling, self-feeding expanders are suitable for close quarter tube installation and repair work.

- Compact design works well in thin tube sheet applications.
- No setup or adjustments make it quick and easy to use.
- Self-contained rolls that won't fall out.

* Please contact your EGI, Ltd sales representative for further information on these products.