

'EL' Type

The 'EL' type tube expander is similar in design to the basic 'E' type tooling but throughout the range the fixed parallel rolling length is 1½" (38.10mm). The rollers have a generous nose radius on the front end.

When tooling of this pattern is required for tube sizes beyond 3" o/d or to suit thicker boiler drums, longer reach conditions and for cramped access in headers and super heaters for example please select your requirements from "A" series expanders and appropriate mandrels to suit.



Tool Ref	Will Expand				Max Effective Rolling Length		Size of Square Mandrel	
	From		To		ins	mm	ins	mm
	ins	mm	ins	mm				
1" EL	0.750	19.05	0.844	21.43	1.500	38.10	3/4	19.05
1.1/8" EL	0.875	22.22	1.000	25.40	1.500	38.10	3/4	19.05
1.3/16" EL	0.938	23.81	1.094	27.78	1.500	38.10	3/4	19.05
1.1/4" EL	1.000	25.40	1.156	29.37	1.500	38.10	3/4	19.05
1.3/8" EL	1.187	30.16	1.375	34.93	1.500	38.10	3/4	19.05
1.1/2" EL	1.250	31.75	1.438	36.51	1.500	38.10	3/4	19.05
1.5/8" EL	1.375	34.93	1.563	39.69	1.500	38.10	3/4	19.05
1.3/4" EL	1.500	38.10	1.688	42.68	1.500	38.10	3/4	19.05
1.7/8" EL	1.688	42.68	1.906	48.42	1.500	38.10	3/4	19.05
2" EL	1.750	44.45	1.969	50.00	1.500	38.10	3/4	19.05
2.1/8" EL	1.813	46.04	2.063	52.39	1.500	38.10	3/4	19.05
2.1/4" EL	2.000	50.80	2.250	57.15	1.500	38.10	3/4	19.05
2.3/8" EL	2.063	52.39	2.313	58.74	1.500	38.10	3/4	19.05
2.1/2" EL	2.188	55.56	2.440	61.91	1.500	38.10	3/4	19.05
2.5/8" EL	2.250	57.15	2.563	65.09	1.500	38.10	3/4	19.05
2.3/4" EL	2.375	60.32	2.688	68.26	1.500	38.10	3/4	19.05
2.7/8" EL	2.500	63.50	2.813	71.44	1.500	38.10	3/4	19.05
3" EL	2.625	66.68	2.938	74.61	1.500	38.10	3/4	19.05

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