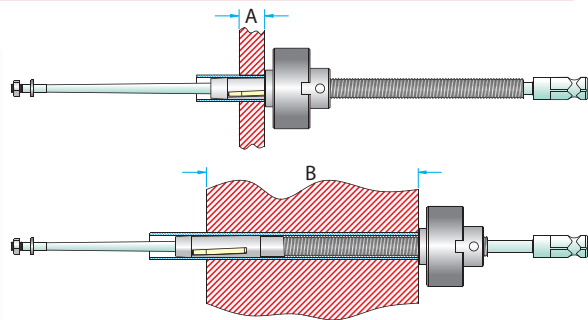




1300 SERIES



FOR TUBES INTERNAL DIAMETER
FROM (5.8 mm) .231" TO (8.4 mm) .331"

TUBE EXPANDERS FITTED WITH ROLLER LENGTH	FOR TUBE SHEET ADJUSTABLE RANGE	
	MINIMUM A	MAXIMUM B
(19.05mm) 3/4"	(19.05mm) 3/4"	(76.20mm) 3"
(31.75mm) 1.1/4"	(31.75mm) 1.1/4"	(88.90mm) 3.1/2"

• Use : Oil Coolers, Radiators and other apparatus with small diameter tubes and thick tube sheets.

Tube O.D. (mm) inch	Tube Thickness			Tube I.D.		Minimum I.D. Tool Enters		Maximum Expansion of Tool		EXPANDER with (19.05 mm) 3/4" Long Rollers			EXPANDER with (31.75 mm) 1.1/4" Long Rollers		
	bwg	mm	inch	mm	inch	mm	inch	mm	inch	Complete Tool No.	Mandrel No.	Rollers Set. No.	Complete Tool No.	Mandrel No.	Rollers Set. No.
(9.53) 3/8	15	1.82	.072	5.8	.231	5.8	.230	6.7	.265	1315	M-86	1315	1316	M-86	1316
	16	1.65	.065	6.2	.245	6.1	.240	6.9	.275	1319	M-86	916	1319 L	M-86	916 L
	17	1.47	.058	6.5	.259	6.4	.255	7.3	.289	1317	M-88	903	1318	M-88	904
	18	1.24	.049	7.0	.277	6.9	.272	7.8	.307	1301	M-80	903	1302	M-80	904
	19	1.06	.042	7.3	.291	7.2	.286	8.1	.320	1303	M-81	903	1304	M-81	904
	20	0.88	.035	7.7	.305	7.6	.300	8.4	.334	1305	M-82	907	1306	M-82	908
	21	0.81	.032	7.9	.311	7.7	.306	8.6	.340	1307	M-83	907	1308	M-83	908
	22	0.71	.028	8.1	.319	7.9	.314	8.8	.349	1309	M-84	909	1310	M-84	910
	23	0.63	.025	8.2	.325	8.1	.320	9.0	.357	1311	M-84	911	1312	M-84	912
	24	0.55	.022	8.4	.331	8.1	.320	9.0	.357	1311	M-84	911	1312	M-84	912

Note : All '1300' series expanders come with 1/4" square mandrel drives. Round mandrel drives are optional.