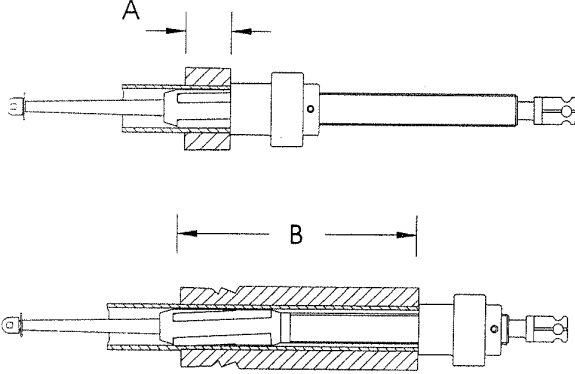


## **R1300 Series**

### **Condenser and Heat Exchanger Tube Expander**

A Tube Sheet Minimum

B Tube Sheet Maximum



FOR TUBES WITH INTERNAL DIAMETER  
FROM 0.231" (5.8 mm) TO .331" (8.4 mm)

TUBE EXPANDERS FITTED WITH ROLLER LENGTH	FOR TUBE ADJUSTABLE RANGE	
	MINIMUM A	MAXIMUM B
3/4" (19.05 mm)	3/4" (19.05 mm)	3" (76.20 mm)
1-1/4" (31.75 mm)	1-1/4" (31.75 mm)	3-1/2" (88.90 mm)

Tube O.D. in. mm.	Tube Thickness		Tube I.D.		Minimum I.D. Tool Enters		Maximum Expansion of Tool		Expander with 3/4" (19.05 mm) Long Rollers			Expander with 1-1/4" (31.75 mm) Long Rollers			SQ. DR.	
	bwg.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	Complete Tool No.	Mandrel No .	Rollers Set No.	Complete Tool No.	Mandrel No .		Rollers Set No.
3/8"	15	.072	(1.82)	.231	(5.8)	.230	(5.8)	.265	(6.7)	R1315	M-86	1315	R1316	M-86	1316	in 1/4
	16	.065	(1.65)	.245	(6.2)	.240	(6.1)	.275	(6.9)	R1319	M-86	916	R1319 L	M-86	916L	
	17	.058	(1.47)	.259	(6.5)	.255	(6.4)	.289	(7.3)	R1317	M-88	903	R1318	M-88	904	
9.53	18	.049	(1.24)	.277	(7.0)	.272	(6.9)	.307	(7.8)	R1301	M-80	903	R1302	M-80	904	mm 6.3
	19	.042	(1.06)	.291	(7.3)	.286	(7.2)	.320	(8.1)	R1303	M-81	903	R1304	M-81	904	
	20	.035	(0.88)	.305	(7.7)	.300	(7.6)	.334	(8.4)	R1305	M-82	907	R1306	M-82	908	
	21	.032	(0.81)	.311	(7.9)	.306	(7.7)	.340	(8.6)	R1307	M-83	907	R1308	M-83	908	
	22	.028	(0.71)	.319	(8.1)	.314	(7.9)	.349	(8.8)	R1309	M-84	909	R1310	M-84	910	
	23	.025	(0.63)	.325	(8.2)	.320	(8.1)	.357	(9.0)	R1311	M-84	911	R1312	M-84	912	
	24	.022	(0.55)	.331	(8.4)	.320	(8.1)	.357	(9.0)	R1311	M-84	911	R1312	M-84	912	