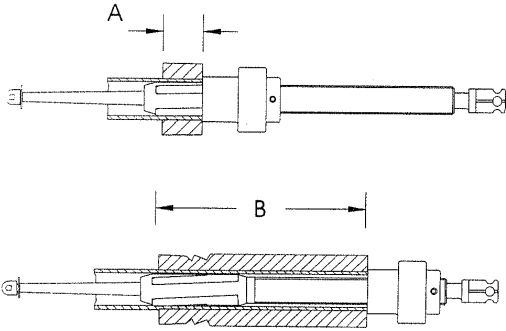


R1200-5 Series Condenser and Heat Exchanger Tube Expander (5 Roll)

A Tube Sheet Minimum
B Tube Sheet Maximum



FOR TUBES WITH INTERNAL DIAMETER
FROM 0.334" (8.4 mm) TO 1.43" (36.3 mm)

TUBE EXPANDERS FITTED WITH ROLLER LENGTH		FOR TUBE SHEET ADJUSTABLE RANGE	
		MINIMUM A	MAXIMUM B
1-1/2" (38.1 mm)	STD REACH	1-1/2" (38.1 mm)	6" (152.4 mm)
	"A" REACH	1-1/2" (38.1 mm)	8" (203.1 mm)
	"B" REACH	1-1/2" (38.1 mm)	10" (253.8 mm)
	"C" REACH	1-1/2" (38.1 mm)	12" (304.6 mm)
2-1/4" (57.1 mm)	STD REACH	2-1/4" (57.1mm)	6-3/4" (171.4mm)
	"A" REACH	2-1/4" (57.1mm)	8-3/4" (222.1mm)
	"B" REACH	2-1/4" (57.1mm)	10-3/4" (272.8mm)
	"C" REACH	2-1/4" (57.1mm)	12-3/4" (323.6mm)

Tube O.D. In. mm.	Tube Thickness		Tube I.D.		Minimum I.D. Tool Enters in. mm.	Maximum Expansion of Tool in. mm.	Expander with 1-1/2" (38.10 mm) Long Rollers			Expander with 2-1/4" (57.15 mm) Long Rollers			SQ. DR.
	bwg.	in.	in.	mm.			Complete Tool No.	Mandrel No.	Rollers Set No.	Complete Tool No.	Mandrel No.	Rollers Set No.	
3/4" 19.05	14	.083 (2.10)	.584 (14.8)	.574 (14.5)	.639 (16.2)	R1223-5	1224-5	R-6-5	R1224-5	1224-5	R-6-A-5	In 3/8	
	15	.072 (1.82)	.606 (15.3)	.590 (14.9)	.661 (16.7)	R1225-5	1226-5	R-7-5	R1226-5	1226-5	R-7-A-5		
	16	.065 (1.65)	.620 (15.7)	.605 (15.3)	.685 (17.4)	R1227-5	M-63	R-7-5	R1228-5	M-63	R-7-A-5		
	17	.058 (1.47)	.634 (16.1)	.619 (15.7)	.699 (17.8)	R1229-5	1230-5	R-7-5	R1230-5	1230-5	R-7-A-5		
	18	.049 (1.24)	.652 (16.5)	.619 (15.7)	.699 (17.8)	R1229-5	1230-5	R-7-5	R1230-5	1230-5	R-7-A-5		
	19	.042 (1.06)	.666 (16.9)	.642 (16.3)	.722 (18.3)	R1231-5	M-63	R-9-5	R1232-5	M-63	R-9-A-5		
	20	.035 (0.88)	.680 (17.2)	.642 (16.3)	.722 (18.3)	R1231-5	M-63	R-9-5	R1232-5	M-63	R-9-A-5		
	21	.032 (0.81)	.686 (17.4)	.642 (16.3)	.722 (18.3)	R1231-5	M-63	R-9-5	R1232-5	M-63	R-9-A-5		
1" 25.40	14	.083 (2.10)	.834 (21.1)	.810 (20.5)	.909 (23.0)	R1249-5	1250-5	R-12-5	R1250-5	1250-5	R-12-A-5	mm 9.5	
	15	.072 (1.82)	.856 (21.7)	.837 (21.2)	.936 (23.7)	R1251-5	1251-5	R-14-5	R1252-5	1251-5	R-14-A-5		
	16	.065 (1.65)	.870 (22.0)	.837 (21.2)	.936 (23.7)	R1251-5	1251-5	R-14-5	R1252-5	1251-5	R-14-A-5		
	17	.058 (1.47)	.884 (22.4)	.865 (21.9)	.964 (24.4)	R1255-5	1256-5	R-13-5	R1256-5	1256-5	R-13-A-5		
	18	.049 (1.24)	.902 (22.9)	.865 (21.9)	.964 (24.4)	R1255-5	1256-5	R-13-5	R1256-5	1256-5	R-13-A-5		
	19	.042 (1.06)	.916 (23.2)	.865 (21.9)	.964 (24.4)	R1255-5	1256-5	R-13-5	R1256-5	1256-5	R-13-A-5		
	20	.035 (0.88)	.930 (23.6)	.865 (21.9)	.964 (24.4)	R1255-5	1256-5	R-13-5	R1256-5	1256-5	R-13-A-5		
	21	.032 (0.81)	.936 (23.8)	.883 (22.4)	.982 (24.9)	R1257-5	M-71-3/8	R-15-5	R1258-5	M-71-3/8	R-15-A-5		
22	.028 (0.71)	.944 (24.0)	.883 (22.4)	.982 (24.9)	R1257-5	M-71-3/8	R-15-5	R1258-5	M-71-3/8	R-15-A-5			
1-1/8" 25.58	12	.109 (2.76)	.907 (23.0)	.883 (22.4)	.982 (24.9)	R1257-5	M-71-3/8	R-15-5	R1258-5	M-71-3/8	R-15-A-5	in 1/2	
	15	.072 (1.82)	.981 (24.9)	.962 (24.4)	1.071 (27.2)	R1263-5	1263-5	R-18-5					
	16	.065 (1.65)	.995 (25.2)	.962 (24.4)	1.071 (27.2)	R1263-5	1263-5	R-18-5					
1-1/2" 38.10	17	.058 (1.47)	1.384 (35.1)	1.331 (33.8)	1.472 (37.3)	R1299-5	1299-5	R-29-5	R1300-5	1299-5	R-29-A-5	mm 2.7	
	18	.049 (1.24)	1.402 (35.6)	1.331 (33.8)	1.472 (37.3)	R1299-5	1299-5	R-29-5	R1300-5	1299-5	R-29-A-5		
	19	.042 (1.06)	1.416 (36.0)	1.331 (33.8)	1.472 (37.3)	R1299-5	1299-5	R-29-5	R1300-5	1299-5	R-29-A-5		
	20	.035 (0.89)	1.430 (36.3)	1.331 (33.8)	1.472 (37.3)	R1299-5	1299-5	R-29-5	R1300-5	1299-5	R-29-A-5		