

Airetool®

Product Catalog

Condenser & Boiler Expanders

Rolling Controls

Pipe & Tube Cleaners

Installation & Removal Tools



Equipment Group International



Boiler Expanders

FTF Series Firetube Boiler Flaring Tube Expanders

The FTF series expanders complement the FTE series boiler expanders but include tube flaring capabilities. This design incorporates a thrust collar for torque controlled tube rolling, roll retainers, and offset flare rolls.

Available in tube sizes of 2", 2-1/2" and 3" O.D. and 10-14 gauge wall thickness for tube sheets of 3/8" - 1" thick. Mandrels are sold separately with choices based on application and space limitations.

- 3-roll design expands and seals tubes in round or oval tube sheet holes.
- Offset flare rolls eliminate ridges produced by competitive models.
- Metal roll retainers keep the rolls in tool when mandrel is removed.
- Increased expansion range: Accommodates more tube sizes, reducing inventory cost.
- Thrust collar: Provides uniform flared tube ends.
- Short mandrel options for use in limited space applications.



FTF Series Expanders

Expander		Tube Size			Tube Sheet Thickness		Expansion Range w/ Drum Mandrel		Drum Mandrel		Mandrel Square		Mandrel Length	
Model No.	Order No.	in.	mm	Gauge	in.	mm	in.	mm	Model No.	Order No.	in.	mm	in.	mm
Tube Sheet Thickness 3/8 - 5/8" (9.5 - 15.8mm)														
FTF 200 A	5524470	2	50.8	10-14	3/8 - 5/8	9.5 - 16.0	1.656 - 1.940	42.1 - 49.2	FTE-200-M	2997688	3/4	19.0	11.75	298.5
FTF 250 A	5524472	2-1/2	63.5	10-14	3/4 - 1	19.0 - 25.0	2.125 - 2.440	53.9 - 61.9	FTE-250-M	2997689	1	25.4	12.13	308.0
FTF 300 A	5524474	3	76.2	10-14	3/8 - 5/8	9.5 - 16.0	2.565 - 2.940	65.0 - 74.6	FTE-300-M	2997690	1	25.4	13.13	333.4
Tube Sheet Thickness 3/4 - 1" (19.05 - 25.48mm)														
FTF 200 B	5524471	2	50.8	10-14	3/4 - 1	19.0 - 25.0	1.656 - 1.940	42.1 - 49.2	FTE-200-M	2997688	3/4	19.0	11.75	298.5
FTF 250 B	5524473	2-1/2	63.5	10-14	3/8 - 5/8	9.5 - 16.0	2.125 - 2.440	53.9 - 61.9	FTE-250-M	2997689	1	25.4	12.13	308.0
FTF 300 B	5524475	3	76.2	10-14	3/4 - 1	19.0 - 25.0	2.565 - 2.940	65.0 - 74.6	FTE-300-M	2997690	1	25.4	13.13	333.4

Short Mandrels

Expander		Expansion Range w/ Drum Mandrel	
Model No.	Order No.	in.	mm
FTE 200 SM1	2997994	1.656 - 1.780	42.1 - 45.2
FTE 200 SM2	2997995	1.730 - 1.854	44.0 - 47.1
FTE 200 SM3	2997996	1.820 - 1.940	46.3 - 49.2
FTE 250 SM1	2997997	2.125 - 2.265	53.9 - 57.5
FTE 250 SM2	2997998	2.205 - 2.353	56.0 - 59.7
FTE 250 SM3	2997999	2.290 - 2.440	58.2 - 62.0
FTE 300 SM1	2998000	2.565 - 2.730	65.1 - 69.3
FTE 300 SM2	2998001	2.660 - 2.835	67.6 - 72.0
FTE 300 SM3	2998002	2.770 - 2.940	70.3 - 74.6
FTF 300 B FS	5524638	3	76.2

FTF Replacement Roll Sets

Expander		Tube Size	
Model No.	Order No.	in.	mm
Tube Sheet Thickness 3/8 - 5/8" (9.5 - 15.8mm)			
FTF 200 A FS	5524633	2	50.8
FTF 250 A FS	5524635	2-1/2	63.5
FTF 300 A FS	5524637	3	76.2
Tube Sheet Thickness 3/4 - 1" (19.05 - 25.48mm)			
FTF 200 B FS	5524634	2	50.8
FTF 250 B FS	5524636	2-1/2	63.5
FTF 300 B FS	5524638	3	76.2