

FTKS-L Flare Type Series

Self-feeding tube expander with three expansion rolls and three flare rolls, simultaneously expands and flares the tube. We equipped the expander with an adjustable thrust collar for friction-free operation, long tool life and consistent flare length.

This is an excellent tool for re-rolling leaky tubes and new installations of water tube boilers, fire tube boilers, economizers and air heaters.



Tube OD		Tube Gauge	Tool No.	Expansion Range				Standard Rolls			Mandrel		Short Mandrell Set (3 pcs.)			Square	
[inch]	[mm]			[mm]	max	[inch]	max	No.	Length		No.	Length		No.	Length		
		[BWG]						[mm]	[inch]		[mm]	[inch]		[mm]	[inch]	[inch]	
1-1/4"	31,75	16	FTKS-2842-L	28,0	31,5	1,10	1,24	RR16RK8	42	1,654	T-300	375	14,764	PTK28	175	6,890	3/4
			FTKS-2880-L	28,0	31,5	1,10	1,24	RR16RK8/80	80	3,150	T-300	375	14,764	PTK28	175	6,890	3/4
1-1/2"	38,10	7-10	FTKS-2942-L	29,0	32,5	1,14	1,28	RR16RK8	42	1,654	T-300	375	14,764	PTK29	175	6,890	3/4
			FTKS-2980-L	29,0	32,5	1,14	1,28	RR16RK8/80	80	3,150	T-300	375	14,764	PTK29	175	6,890	3/4
1-1/2"	38,10	10-12	FTKS-3042-L	30,0	33,5	1,18	1,32	RR16RK8	42	1,654	T-300	375	14,764	PTK30	175	6,890	3/4
			FTKS-3080-L	30,0	33,5	1,18	1,32	RR16RK8/80	80	3,150	T-300	375	14,764	PTK30	175	6,890	3/4
1-1/2"	38,10	12-14	FTKS-3242-L	32,0	35,5	1,26	1,40	RR17RK9	42	1,654	T-320	385	15,157	PTK32	175	6,890	3/4
			FTKS-3280-L	32,0	35,5	1,26	1,40	RR17RK9/80	80	3,150	T-320	385	15,157	PTK32	175	6,890	3/4
1-1/2"	38,10	13-20	FTKS-3342-L	33,0	36,5	1,30	1,44	RP33RR33	42	1,654	T-320	385	15,157	PTK33	181	7,126	3/4
			FTKS-3380-L	33,0	36,5	1,30	1,44	RP33RR33/80	80	3,150	T-320	385	15,157	PTK33	181	7,126	3/4
1-3/4"	44,45	8-9	FTKS-3542-L	35,0	40,5	1,38	1,59	RR21RK35	42	1,654	T-370	410	16,142	PTK37	188	7,402	3/4
			FTKS-3580-L	35,0	40,5	1,38	1,59	RR21RK35/80	80	3,150	T-370	410	16,142	PTK37	188	7,402	3/4
1-3/4"	44,45	10-12	FTKS-3742-L	37,0	42,5	1,46	1,67	RR22RK10	42	1,654	T-370	410	16,142	PTK37	188	7,402	3/4
			FTKS-3780-L	37,0	42,5	1,46	1,67	RR22RK10/80	80	3,150	T-370	410	16,142	PTK37	188	7,402	3/4
1-3/4"	44,45	12-18	FTKS-3942-L	39,0	44,5	1,54	1,75	RR40RK40	42	1,654	T-370	410	16,142	PTK37	188	7,402	3/4
			FTKS-3980-L	39,0	44,5	1,54	1,75	RR40RK40/80	80	3,150	T-370	410	16,142	PTK37	188	7,402	3/4
2"	50,80	7-9	FTKS-4050-L	40,0	45,5	1,57	1,79	RR40RK40	50	1,969	T-420	410	16,142	PTK42	205	8,071	3/4
			FTKS-4080-L	40,0	45,5	1,57	1,79	RR40RK40/80	80	3,150	T-420	410	16,142	PTK42	205	8,071	3/4
2"	50,80	10-13	FTKS-4250-L	42,0	47,5	1,65	1,87	RR23RK11	50	1,969	T-420	410	16,142	PTK42	205	8,071	3/4
			FTKS-4280-L	42,0	47,5	1,65	1,87	RR23RK11/80	80	3,150	T-420	410	16,142	PTK42	205	8,071	3/4
2"	50,80	12-14	FTKS-4450-L	44,0	49,5	1,73	1,95	RR23RK11	50	1,969	T-440	410	16,142	PTK44	205	8,071	3/4
			FTKS-4480-L	44,0	49,5	1,73	1,95	RR23RK11/80	80	3,150	T-440	410	16,142	PTK44	205	8,071	3/4
2"	50,80	16	FTKS-4750-L	47,0	53,5	1,85	2,11	RR24RK12	50	1,969	T-470	435	17,126	PTK47	218	8,583	3/4
			FTKS-4780-L	47,0	53,5	1,85	2,11	RR24RK12/80	80	3,150	T-470	435	17,126	PTK47	218	8,583	3/4
2-1/4"	57,15	10-13	FTKS-4950-L	49,0	55,5	1,93	2,19	RR24RK12	50	1,969	T-490	435	17,126	PTK49	218	8,583	3/4
			FTKS-4980-L	49,0	55,5	1,93	2,19	RR24RK12/80	80	3,150	T-490	435	17,126	PTK49	218	8,583	3/4
2-1/4"	57,15	14-16	FTKS-5250-L	52,0	58,5	2,05	2,30	RR25RK13	50	1,969	T-490	435	17,126	PTK49	218	8,583	3/4
			FTKS-5280-L	52,0	58,5	2,05	2,30	RR25RK13/80	80	3,150	T-490	435	17,126	PTK49	218	8,583	3/4
2-1/2"	63,50	8-13	FTKS-5450-L	54,0	61,5	2,13	2,42	RR26RK14	50	1,969	T-540	470	18,504	PTK54	230	9,055	3/4
			FTKS-5480-L	54,0	61,5	2,13	2,42	RR26RK14/80	80	3,150	T-540	470	18,504	PTK54	230	9,055	3/4
2-1/2"	63,50	12-16	FTKS-5750-L	57,0	65,5	2,24	2,58	RR27RK15	50	1,969	T-570	500	19,685	PTK57	235	9,252	3/4
			FTKS-5780-L	57,0	65,5	2,24	2,58	RR27RK15/80	80	3,150	T-570	500	19,685	PTK57	235	9,252	3/4
2-3/4"	69,85	7-11	FTKS-6050-L	60,0	68,5	2,36	2,70	RR28RK16	50	1,969	T-570	500	19,685	PTK57	235	9,252	3/4
			FTKS-6080-L	60,0	68,5	2,36	2,70	RR28RK16/80	80	3,150	T-570	500	19,685	PTK57	235	9,252	3/4
3"	76,20	7-8	FTKS-6550-L	65,0	73,5	2,56	2,89	RR29RK17	50	1,969	T-650	500	19,685	PTK65	235	9,252	3/4
			FTKS-6580-L	65,0	73,5	2,56	2,89	RR29RK17/80	80	3,150	T-650	500	19,685	PTK65	235	9,252	3/4
3"	76,20	10-14	FTKS-6850-L	68,0	76,5	2,68	3,01	RR30RK18	50	1,969	T-720	530	20,866	PTK72	255	10,039	1
			FTKS-6880-L	68,0	76,5	2,68	3,01	RR30RK18/80	80	3,150	T-720	530	20,866	PTK72	255	10,039	1
3-1/4"	82,55	7-11	FTKS-7250-L	72,0	80,5	2,83	3,17	RR31RK19	50	1,969	T-720	530	20,866	PTK72	255	10,039	1
			FTKS-7280-L	72,0	80,5	2,83	3,17	RR31RK19/80	80	3,150	T-720	530	20,866	PTK72	255	10,039	1
3-1/4"	82,55	15-16	FTKS-7750-L	77,0	86,5	3,03	3,41	RR32RK20	50	1,969	T-770	530	20,866	PTK77	255	10,039	1
			FTKS-7780-L	77,0	86,5	3,03	3,41	RR32RK20/80	80	3,150	T-770	530	20,866	PTK77	255	10,039	1
3-1/2"	88,90	10-13	FTKS-8250-L	82,0	91,5	3,23	3,60	RR33RK21	50	1,969	T-820	530	20,866	PTK82	255	10,039	1
			FTKS-8280-L	82,0	91,5	3,23	3,60	RR33RK21/80	80	3,150	T-820	530	20,866	PTK82	255	10,039	1
3-3/4"	95,25	8-12	FTKS-8650-L	86,0	95,5	3,39	3,76	RR34RK22	50	1,969	T-860	530	20,866	PTK86	255	10,039	1
			FTKS-8680-L	86,0	95,5	3,39	3,76	RR34RK22/80	80	3,150	T-860	530	20,866	PTK86	255	10,039	1
4"	101,60	9-12	FTKS-9050-L	90,0	99,5	3,54	3,92	RR34RK22	50	1,969	T-900	530	20,866	PTK90	275	10,827	1
			FTKS-9080-L	90,0	99,5	3,54	3,92	RR34RK22/80	80	3,150	T-900	530	20,866	PTK90	275	10,827	1
4"	101,60	16	FTKS-9650-L	96,0	105,5	3,78	4,15	RR35RK23	50	1,969	T-960	530	20,866	PTK96	275	10,827	1
			FTKS-9680-L	96,0	105,5	3,78	4,15	RR35RK23/80	80	3,150	T-960	530	20,866	PTK96	275	10,827	1