

Boiler Tube Expanders SB Series for Sugar Mills



1 1/2"- 4 1/2" O.D.

FLEXIBLE SHAFT MACHINE (NFM SERIES)



FEATURES :

- 5 Roll' design is used primarily for rolling thin walled tubes used in sugar mill juice heaters, pans.
- 05 Rolls' give you a maore concentric, uniform expansion vs. a '3 roll' expander in thin tubes and reduces tube 'spring back' effect.
- Use - For top plate tube expansion in pans, juice heaters in sugar mills.

Tube O.D.	Tube Thickness		Minimum I.D. Tool Enters		Maximum Expansion Of Tool		Tube Sheet Thickness mm (inch)			Spare Mandrel Model No.	Mandrel Sq. Drive	Spare Rollers Set Model No.		
							31.75 (1.25)	38.1 (1.5)	50.8 (2.0)					
inch	bwg	inch	mm	inch	mm	inch	Tube Expander Model No.			inch				
1.1/2	11 & 12	.120 & .109	29.0	1.141	31.9	1.256	SB - 00A	SB - 00B	SB - 00C	SBM - 1	1/2	SBR - 1A	SBR - 1B	SBR - 1C
1.1/2	13 & 14	.095 & .083	32.5	1.279	36.0	1.417	SB - 0A	SB - 0B	SB - 0C	SBM - 2	1/2	SBR - 2A	SBR - 2B	SBR - 2C
1.1/2	15 & 16	.072 & .065	33.5	1.319	37.2	1.465	SB - 1A	SB - 1B	SB - 1C	SBM - 2	1/2	SBR - 3A	SBR - 3B	SBR - 3C
1.3/4	9 & 10	.148 & .134	35.2	1.386	39.1	1.539	SB - 2A	SB - 2B	SB - 2C	SBM - 3	3/4	SBR - 3A	SBR - 3B	SBR - 3C
1.3/4	11 & 12	.120 & .109	36.5	1.437	40.5	1.594	SB - 3A	SB - 3B	SB - 3C	SBM - 3	3/4	SBR - 4A	SBR - 4B	SBR - 4C
1.3/4	13 & 14	.095 & .083	38.1	1.500	42.7	1.681	SB - 4A	SB - 4B	SB - 4C	SBM - 3	3/4	SBR - 5A	SBR - 5B	SBR - 5C
1.3/4	15 & 16	.072 & .065	39.1	1.539	44.2	1.740	SB - 5A	SB - 5B	SB - 5C	SBM - 4	3/4	SBR - 4A	SBR - 4B	SBR - 4C
2	7 & 8	.180 & .165	41.3	1.626	46.7	1.838	SB - 6A	SB - 6B	SB - 6C	SBM - 4	3/4	SBR - 5A	SBR - 5B	SBR - 5C
2	9 & 10	.148 & .134	42.8	1.685	48.3	1.901	SB - 7A	SB - 7B	SB - 7C	SBM - 4	3/4	SBR - 6A	SBR - 6B	SBR - 6C
2	11 - 13	.120 - .095	44.4	1.748	49.7	1.957	SB - 8A	SB - 8B	SB - 8C	SBM - 5	3/4	SBR - 6A	SBR - 6B	SBR - 6C
2	14 - 16	.083 - .065	46.0	1.811	52.2	2.055	SB - 9A	SB - 9B	SB - 9C	SBM - 5	3/4	SBR - 7A	SBR - 7B	SBR - 7C
2.1/4	9 & 10	.148 & .134	47.6	1.874	53.8	2.118	SB - 10A	SB - 10B	SB - 10C	SBM - 5	3/4	SBR - 8A	SBR - 8B	SBR - 8C
2.1/4	11 - 13	.120 - .095	49.2	1.937	55.4	2.181	SB - 11A	SB - 11B	SB - 11C	SBM - 5	3/4	SBR - 9A	SBR - 9B	SBR - 9C
2.1/4	14 - 16	.083 - .065	50.7	1.996	57.8	2.275	SB - 12A	SB - 12B	SB - 12C	SBM - 6	3/4	SBR - 8A	SBR - 8B	SBR - 8C
2.1/2	9 & 10	.148 & .134	54.9	2.161	61.0	2.401	SB - 13A	SB - 13B	SB - 13C	SBM - 6	3/4	SBR - 10A	SBR - 10B	SBR - 10C
2.1/2	14 - 16	.083 - .065	57.1	2.248	65.6	2.582	SB - 14A	SB - 14B	SB - 14C	SBM - 7	1	SBR - 11A	SBR - 11B	SBR - 11C
2.3/4	10 - 14	.134 - .083	60.3	2.374	68.8	2.708	SB - 15A	SB - 15B	SB - 15C	SBM - 7	1	SBR - 12A	SBR - 12B	SBR - 12C
3	7 - 9	.180 - .148	63.5	2.500	72.0	2.835	SB - 16A	SB - 16B	SB - 16C	SBM - 7	1	SBR - 13A	SBR - 13B	SBR - 13C