

Universal Combination Roller Beading

The UCRB expander is specifically designed for fabricating and maintaining fire tube boilers with tube sizes between 2" and 3" OD. This self-feeding tool not only expands tubes but also forms a uniform bead tightly against the tube sheet. For the best results, a tube projection of 3/16" (5 mm) is recommended.



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TUBE OD		TUBE GAUGE	TOOL NO.	EXPANSION RANGE				ROLLS	BEADING ROLLS	FRONT PILOT	MANDREL	SQUARE	
[INCH]	[MM]	[BWG]		[INCH]		[MM]						[INCH]	[MM]
				MIN	MAX	MIN	MAX						
2"	50,8	10	41633-00	1,700	1,907	43,2	48,4	R-42811	BR-41631-10	P-41701-10	M-42157	3/4"	19
		11	41633-00	1,700	1,907	43,2	48,4	R-42811	BR-41631-11	P-41701-11	M-42157	3/4"	19
		12	41633-00	1,700	1,907	43,2	48,4	R-42811	BR-41631-12	P-41701-12	M-42157	3/4"	19
		13	41633-00	1,700	1,907	43,2	48,4	R-42811	BR-41631-13	P-41701-13	M-42157	3/4"	19
2-1/2"	63,5	10	41634-00	2,200	2,460	55,9	62,6	R-41673	BR-41651-10	P-41702-10	M-42158	3/4"	19
		11	41634-00	2,200	2,460	55,9	62,6	R-41673	BR-41651-11	P-41702-11	M-42158	3/4"	19
		12	41634-00	2,200	2,460	55,9	62,6	R-41673	BR-41651-12	P-41702-12	M-42158	3/4"	19
		13	41634-00	2,200	2,460	55,9	62,6	R-41673	BR-41651-13	P-41702-13	M-42158	3/4"	19
3"	76,2	10	41359-00	2,700	2,890	68,6	75,7	R-41676	BR-41666-10	P-41703-10	M-42159	1"	25,4
		11	41359-00	2,700	2,890	68,6	75,7	R-41676	BR-41666-11	P-41703-11	M-42159	1"	25,4
		12	41359-00	2,700	2,890	68,6	75,7	R-41676	BR-41666-12	P-41703-12	M-42159	1"	25,4

RECOMMENDATION

It is recommended that for heavy duty application for tubes with bigger wall thickness than given in the catalog to pre-roll and flare the tube with KS or FTKS type tube expander

