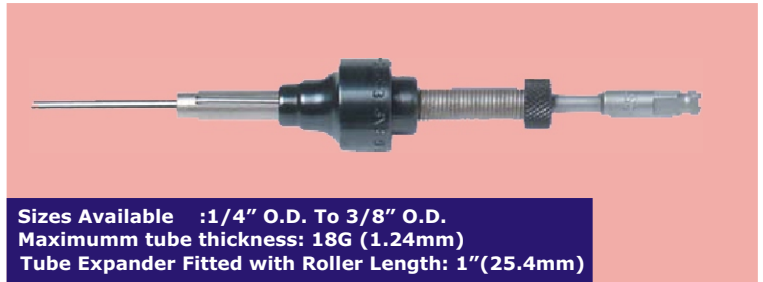
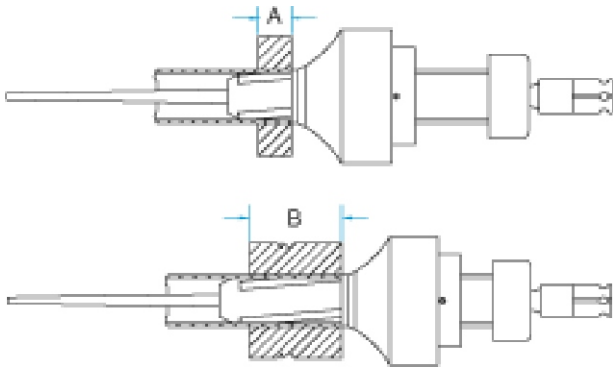


CONDENSER TUBE EXPANDER

✦ 'BAN' SERIES FEATURES:

Tube O. D.
1/4" - 3/8"

- Increased feed angle makes it the fastest operating tool on the market, ideal for high production environment.
- Advantage: Captive mandrel- eliminates nut on mandrel tip which prevents scratching of tube I. D.
- Use - Oil coolers, Radiators, & other apparatus with small diameter tubes..
- NOTE: All 'BAN' series expanders come with 1/4" square mandrel drives. Round mandrel drives are optional.



Sizes Available : 1/4" O.D. To 3/8" O.D.
Maximum tube thickness: 18G (1.24mm)
Tube Expander Fitted with Roller Length: 1" (25.4mm)

For Tube Inside Diameter
From (3.8mm) .152" to (8.4mm) .331"

TUBE EXPANDERS FITTED WITH ROLLER LENGTH	FOR TUBE SHEET ADJUSTABLE RANGE	
	MINIMUM A	MAXIMUM B
(25.4mm) 1"	(6.35mm) 1/4"	(25.4mm) 1"

Tube O.D. (Mm) inch	Tube Thickness		Tube I. D.		Minimum I. D. Tool Enters		Maximum Expansion of Tool		EXPANDER with (25.40) 1" Long rollers			Ratchet Size Square Inch	
	Bwg	Inch	Mm	Inch	Mm	Inch	Mm	Inch	Mm	Complete Tool No.	Roller Set No.		Mandrel No.
(6.35) 1/4	18	.049	1.24	.152	3.8	.148	3.7	.167	4.2	B-25018	R-20018	M-21819	1/4
	19	.042	1.06	.166	4.2	.160	4.0	.180	4.5	B-25019	R-21920	M-21819	
	20	.035	0.88	.180	4.5	.175	4.4	.196	4.9	B-25020	R-21920	M-22021	
	21	.032	0.81	.186	4.7	.180	4.5	.202	5.1	B-25021	R-22124	M-22021	1/4
	22	.028	0.71	.194	4.9	.190	4.8	.213	5.4	B-25022	R-22124	M-22022	
	23	.025	0.63	.194	5.0	.195	4.9	.216	5.5	B-25023	R-21920	M-22324	
	24	.022	0.55	.200	5.2	.201	5.1	.224	5.7	B-25024	R-22124	M-22324	
	28	.014	0.35	.206	5.6	.217	5.4	.243	6.1	B-25028	R-22830	M-22830	
	29	.013	0.33	.224	5.7	.217	5.4	.243	6.1	B-25028	R-22830	M-22830	
	30	.012	0.30	.226	5.7	.217	5.4	.243	6.1	B-25028	R-22830	M-22830	
(9.53) 3/8	14	.083	2.10	.209	5.3	.204	5.1	.230	5.8	B-37514	R-21920	M-22830	1/4
	15	.072	1.82	.231	5.8	.225	5.6	.265	6.6	B-37515	R-31516	M-22830	
	16	.065	1.65	.245	6.2	.238	6.0	.278	7.0	B-37516	R-31516	R-31617	
	17	.058	1.47	.259	6.5	.253	6.4	.293	7.4	B-37517	R-31720	R-31617	1/4
	18	.049	1.24	.277	7.0	.270	6.8	.310	7.8	B-37518	R-31720	R-30018	
	19	.042	1.06	.291	7.3	.285	7.1	.325	8.1	B-37519	R-31720	R-30019	
	20	.035	0.88	.305	7.7	.295	7.4	.335	8.4	B-37520	R-31720	R-32021	
	21	.032	0.81	.311	7.9	.305	7.5	.345	8.6	B-37521	R-32122	R-32021	
	22	.028	0.71	.319	8.1	.312	7.9	.353	8.9	B-37522	R-32122	R-32122	
	23	.025	0.63	.325	8.2	.318	8.1	.363	9.2	B-37523	R-32324	R-32324	
24	.022	0.55	.331	8.4	.318	8.1	.363	9.2	B-37524	R-32324	R-32324		