

Hand Tube Benders

Sturdy, easy-to-use hand tools for fast accurate bending without kinks or visible flattening. Individual sizes in three modest from size 2 (1/8" O.D.) to 16 (1" O.D.). See Table O3 for part numbers and technical data.

Medium Duty Hand Tube Benders

Designed and built for fast accurate bends and long service life.

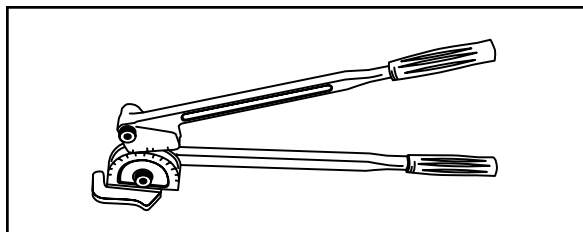
Individual benders for six tube sizes 1/8, 3/16, 1/4, 5/16, 3/8, and 1/2 inch. Will bend copper, aluminum, annealed steel and stainless steel. Can be used in hands or mounted in a bench vise for heavier wall thickness tube. Simply align marks on slide block and radius block then bend tube to desired angle (up to 180°) by pulling steadily on slide block handle. Angles are indicated on radius block both front and back. (Detailed instructions are included with each bender.) This style of bender is also available in metric sizes. See Table O4 for part numbers and technical data.

Ratchet Hand Tube Benders

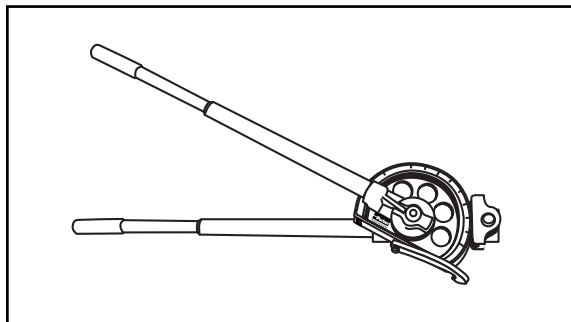
Individual benders for three tubing sizes 5/8, 3/4, and 7/8 inches in copper, aluminum, annealed steel and stainless steel. Can be used in hands or mounted in a bench vise for heavier wall thickness tube. Position tube in bender, close latch and pull ratchet handle away from radius block handle until desired angle (up to 180°) is formed. Angles are indicated on radius block. (Detailed instructions are included with each bender.)

1" Hand Tube Bender

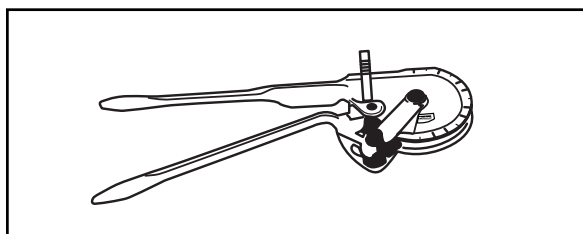
For tubing size 1" O.D. in soft copper and aluminum. Can be used in hands, but suggest mounting on bench vise - especially for heavier wall thickness tube. Align marks and bend tube to desired angle (up to 180°) by pulling steadily on operating handle. Handle may be repositioned for maximum leverage. Angles are indicated on radius block. (Detailed instructions are included with bender.)



Medium Hand Tube Bender



Ratchet Hand Tube Bender



1" Hand Tube Bender

PART NUMBER	TYPE OF BENDER	SIZE	TUBE O.D. (IN.)	RADIUS TO TUBE CENTERLINE (INCHES)	MIN. WALL WITHOUT FLATTENING (INCHES)	RECOMMENDED MAX. WALL THICKNESS	
						COPPER ALUMINUM	STEEL STAINLESS STEEL (IN.)
2-2829S-BPD	MED. DUTY	2	1/8	7/16	0.012	ANY	0.032
3-2829S-BPD	MED. DUTY	3	3/16	9/16	0.020		0.032
4-2829S-BPD	MED. DUTY	4	1/4	9/16	0.028		0.083
5-2829S-BPD	MED. DUTY	5	5/16	15/16	0.032		0.083
6-2829S-BPD	MED. DUTY	6	3/8	15/16	0.032		0.083
8-2829S-BPD	MED. DUTY	8	1/2	1 1/2	0.042		0.083
10-2829S-BPD	MED. DUTY	10	5/8	2 1/2	0.042		0.049
12-2829S-BPD	MED. DUTY	12	3/4	3	0.049	0.065	
10-2829-BPD	RATCHET	10	5/8	3	0.042	ANY	0.049
12-2829-BPD	RATCHET	12	3/4	3 3/4	0.049		0.065
14-2829-BPD	RATCHET	14	7/8	3 3/4	0.049		0.065
16-2829-BPD	1"	16	1	3 1/2	0.065	ANY	Not Recommended

TUBE O.D. (mm)	PART NUMBER	BEND RADIUS	MAX. WALL STEEL/SS
5	2829-5mm-BPD	14.3	1.2
6	2829-6mm-BPD	14.3	1.6
8	2829-8mm-BPD	23.8	1.6
10	2829-10mm-BPD	23.8	2.1
12	2829-12mm-BPD	38.1	2.1
14	2829-14mm-BPD	38.1	2.1

