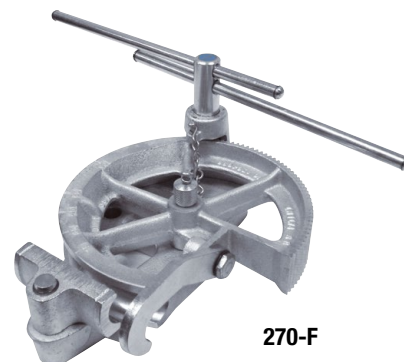


GEAR TYPE

270-F GEAR TYPE TUBE BENDER

For 3/4" to 1-1/8" O.D. tubing.

For all bending work. Spur-gear type with 10-to-1 ratio for easy bending of tempered tubing. Floating shoe aligns tube perfectly on calibrated forming wheel. Pull-pin on wheel speeds repositioning for bends over 90°. Portable. Can be clamped in vise or bolted to bench.



270-F

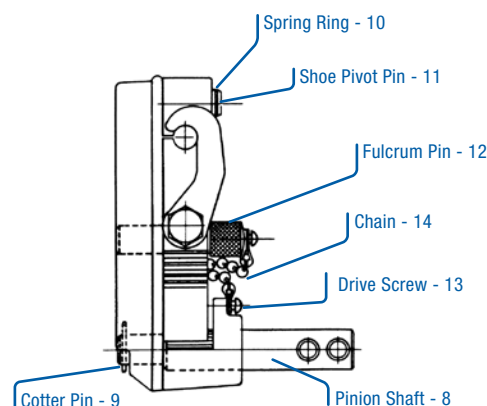
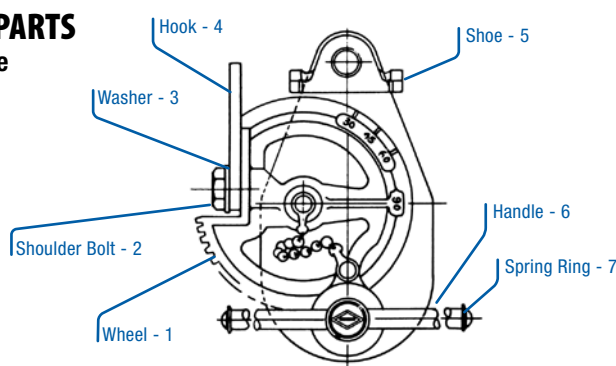
PART NO.	TUBE O.D. (in.)	RADIUS TO CENTER OF TUBE (in.)	MIN. RETURN FROM CENTER TO CENTER OF TUBE (in.)	WEIGHT EACH (lbs.)	WALL THICKNESS (in.)
270-F-12	3/4	4	9-1/2	15	.042 to .083
270-F-14	7/8	4	9-1/2	14.75	.042 to .083
270-F-16	1	4	9-1/2	14.75	.065 to .095*
270-F-18	1-1/8	4	9-1/2	14.75	.065 to .095*

Each tool bends only one size.

* Not recommended for Type L Hard and Type M copper tubing with wall thickness over .065".

REPLACEMENT PARTS

For 270-F Gear Type
Tube Benders



TUBE BENDER	SIZE (in.)	PART NO. 1	PART NO. 2	PART NO. 3	PART NO. 4	PART NO. 5	PART NO. 6	PART NO. 7	PART NO. 8	PART NO. 9	PART NO. 10	PART NO. 11	PART NO. 12	PART NO. 13	PART NO. 14
270-F-12	3/4	S62305	S62294	S62298	S62307	S62306	S62292	S62297	S62291	S62255	S62296	S62295	S62835	S62836	S62837
270-F-14	7/8	S62302	S62294	S62298	S62304	S62303	S62292	S62297	S62291	S62255	S62296	S62295	S62835	S62836	S62837
270-F-16	1	S62299	S62294	S62298	S62301	S62300	S62292	S62297	S62291	S62255	S62296	S62295	S62835	S62836	S62837
270-F-18	1-1/8	S62287	S62294	S62298	S62290	S62289	S62292	S62297	S62291	S62255	S62296	S62295	S62835	S62836	S62837

WORM GEAR TUBE BENDER

For 1/4", 5/16", 3/8", 1/2", 5/8" and 3/4" O.D. tubing.

600-F

Precision tool for highest quality work. 50-to-1 gear ratio and crank with revolving hand grip keeps effort at a minimum. Follow bar eliminates drawing action and keeps tube in virtually perfect round. Adjustable pressure roller positions quickly in index holes. Enclosed gears. Includes metal tool case. Can be clamped in vise or bolted to bench or tripod. Size of kit: 14" x 9" x 6". Wt. 35.0 lbs.

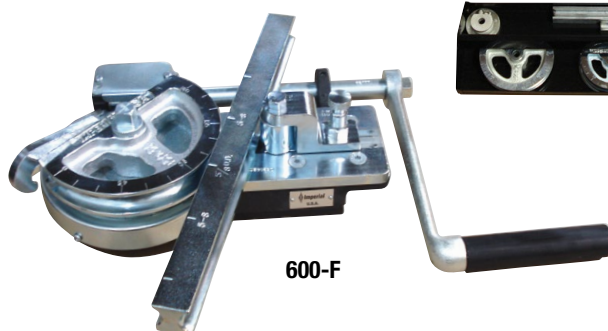


Tube Wall Thickness and Bend Radius

TUBE O.D. (in.)	WALL THICKNESS (in.)	RADIUS TO CENTER OF TUBE (in.)
1/4	.016 to .049	3/4
5/16	.020 to .065	1
3/8	.028 to .083	1-1/4
1/2	.035 to .083	2
5/8	.042 to .083	2-1/2
3/4	.049 to .083	3

Conforms to Federal Specification GGG-B-191b, Type I, Class 2.

Meets ANSI Specification (B31.1) and ASME Section III Nuclear Code.



600-F