

## ALLOY RATCHET HAND TUBE BENDER



UPC #	Replacement Parts	Bending Radius
63325	Deluxe Alloy Ratchet Tube Bender Kit (includes 63342 Reverse Bender)	
63331	Alloy Ratchet Tube Bender Kit	
63342	Reverse Bender for 63331	
63326	Alloy Bending Mandrel - 1/4"	1"
63327	Alloy Bending Mandrel - 5/16"	1-1/8"
63332	Alloy Bending Mandrel - 3/8"	1-1/4"
63333	Alloy Bending Mandrel - 1/2"	1-1/2"
63334	Alloy Bending Mandrel - 5/8"	1-1/2"
63335	Alloy Bending Mandrel - 3/4"	1-3/4"
63336	Alloy Bending Mandrel - 7/8"	2"
63329	Crossbar Assembly 3/4" to 7/8"	
63330	Crossbar Assembly 1/4" to 5/8"	
60328	Fillister Head Screw	
60348	Wing Nut and E-Clip	
63340	Ratchet Bar and Catch Bolt	
60343	Bender Body Housing	
N/A	Spiral Pins	
60344	Catch Pin and Spring	
60345	Catch Lever	
60346	Flat Spring	
60349	Tension Spring	
60347	Feed Lever	
63339	Ratchet Body Assembly	
63338	Plastic Carrying Case	
60101	Small Cutter for 1/8" to 1-1/8" OD	
60161	Tube Reamer - 1/16" to 1-3/8"	

\* Designates the call-out number for the parts diagram on the 60331 instruction chart.

## FULL RANGE HEAVY DUTY TUBE BENDERS For 1/4" to 7/8" radius



Make fast bends on almost every size of soft copper, brass, aluminum, steel and soft stainless steel tubing to 180°.

60390 is a compact three-in-one bender for 1/4", 5/16" and 3/8" O.D. tubing. Calibrated markings for bends up to 180° help you duplicate angles.

UPC#	Bending radius	Description
60390	15/16"	1/4", 5/16", 3/8" 3-in-1 Tube bender
60373	9/16"	1/4" Tube bender
60374	11/16"	5/16" Tube bender
60375	15/16"	3/8" Tube bender
60377	1-1/2"	1/2" Tube bender
60378	2-1/4"	5/8" Tube bender
60379	3"	3/4" Tube bender
60380	3-1/4"	7/8" Tube bender

## SPRING TUBE BENDER For 1/4" to 7/8"



Spring benders slip over soft copper and aluminum tubing during bending to help prevent tube collapse.

- Silver-plated finish
- Conforms to Fed. Spec. GGG-B-191-a Type IV

UPC#	Description
60354	1/4" O.D. bending spring
60355	5/16" O.D. bending spring
60356	3/8" O.D. bending spring
60357	7/16" O.D. bending spring
60358	1/2" O.D. bending spring
60359	5/8" O.D. bending spring
60360	3/4" O.D. bending spring
60361	7/8" O.D. bending spring
60351	Set-6 sizes-1/4", 5/16", 3/8", 7/16", 1/2" and 5/8" O.D.
60352	Set-4 sizes-1/4", 3/8", 1/2" and 5/8" O.D.
60353	Set-4 sizes-1/2", 5/8", 3/4" and 7/8" O.D.