

LEVER TYPE

364-FHA LEVER TYPE TUBE BENDERS

For 1/8" to 3/4" and 6 mm to 12 mm O.D. tubing.

Each tool bends one size. Open-side type which slips over tube at any point. Makes smooth, tight radius bends up to 180° with minimum effort. No scoring or flattening of tubing. Calibrated to show angle of bend. Wide hook grips tubing securely.

PART NO.	TUBE O.D. (in.)	RADIUS TO CENTER OF TUBE (in.)	WEIGHT EACH (lbs.)
364-FH-02	1/8	3/8	0.5
364-FH-03	3/16	7/16	0.5
364-FHA-04	1/4	9/16	1.0
364-FHA-05	5/16	11/16	1.0
364-FHA-06	3/8	15/16	1.75
364-FHA-08	1/2	1-1/2	3.5
364-FHA-10*	5/8	2-1/4	5.5
364-FHA-12*	3/4	3	7.0

Each tool bends only one size.
 Conforms to Federal Specification GGG-B-191a Type III, Class 2.
 * For bending annealed copper and aluminum tubing only.

METRIC SIZE BENDING TOOLS

PART NO.	TUBE O.D. (mm)	RADIUS TO CENTER OF TUBE (mm)	RADIUS TO CENTER OF TUBE (in.)	WEIGHT EACH (kg.)	WEIGHT EACH (lbs.)
364-FHAM-6MM	6	14.2	9/16	0.45	1.0
364-FHAM-10MM	10	24.0	15/16	0.79	1.75
364-FHAM-12MM	12	38.1	1-1/2	1.6	3.5

Each tool bends only one size.

364-FHB SWIVEL HANDLE TUBE BENDERS

For 1/4" to 1/2" and 6 mm to 12 mm O.D. tubing.

The 364-FHB series has a swivel handle that can be repositioned midway through a bend when both handles begin to meet. This simple feature allows easy fabrication of bends up to 180° with reduced effort, better control and without the crossing of handles, typical of most other lever type benders.

PART NO.	TUBE O.D. (in.)	RADIUS TO CENTER OF TUBE (in.)	WEIGHT EACH (lbs.)
364-FHB-04	1/4	9/16	1.0
364-FHB-05	5/16	11/16	1.0
364-FHB-06	3/8	15/16	1.75
364-FHB-07	7/16	1-1/2	3.5
364-FHB-08	1/2	1-1/2	3.5

Each tool bends only one size.
 Conforms to Federal Specification GGG-B-191a Type III, Class 2.

METRIC SIZE BENDING TOOLS

PART NO.	TUBE O.D. (mm)	RADIUS TO CENTER OF TUBE (mm)	RADIUS TO CENTER OF TUBE (in.)	WEIGHT EACH (kg.)	WEIGHT EACH (lbs.)
364-FHBM-6MM	6	14.2	9/16	0.45	1.0
364-FHBM-8MM	8	17.5	11/16	0.45	1.0
364-FHBM-12MM	12	38.1	1-1/2	1.6	3.5

Each tool bends only one size.



364-FHA-06
 Style for 1/4" through 1/2" and 6 mm to 12 mm O.D. tubing.



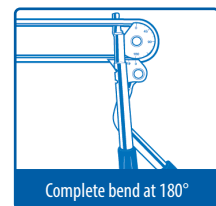
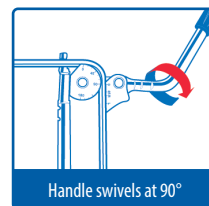
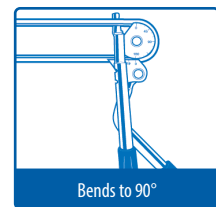
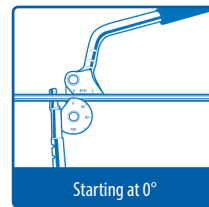
364-FH-02
 Style for 1/8" and 3/16" O.D. tubing.



364-FHA-10
 Style for 5/8" and 3/4" O.D. tubing.



364-FHB-06
 Style for 1/4" through 1/2" and 6 mm to 12 mm O.D. tubing.



TUBING TOOL SELECTOR

TUBING TOOL SELECTOR				TUBE MATERIAL													
TOOL	PART NO.	PAGE NO.	SIZE RANGE TUBE O.D. (in.)	COPPER							ANNEALED ALUMINUM (SOFT)	ANNEALED BRASS (SOFT)	SAE 1020 STEEL (SOFT)	BRAZED- BUNDY WELD GM STEEL	STAINLESS STEEL ANNEALED (SOFT)	STAINLESS STEEL (1/8 HARD)	TITANIUM
				ANNEALED GENERAL PURPOSE	TYPE K			TYPE L									
				SOFT	BENDING TEMPER (HARD)	HARD	SOFT	BENDING TEMPER (HARD)	HARD	TYPE M							
Tube Cutters	TC-1000	2	1/8 - 1-1/8	•	•	•	•	•	•	•	•	•	•	•	(1)	(1)	(1)
	TC-1050	3	1/8 - 5/8	•	•	•	•	•	•	•	•	•	•	•			
	TC-2050	3	3/16 - 7/8	•	•	•	•	•	•	•	•	•	•	•	(1)	(1)	(1)
	174-F	3	3/8 - 1-1/8	•	•	•	•	•	•	•	•	•	•	•			
Metal Tubing	206-FB	4	3/8 - 2-5/8	•	•	•	•	•	•	•	•	•	•	•			
	227-FA	2	1/8 - 3/4	•	•	•	•	•	•	•	•	•	•	•	(1)	(1)	(1)
	312-FC	2	1/4 - 1-5/8	•	•	•	•	•	•	•	•	•	•	•			
	406-FA	4	2 - 4-1/8	•	•	•	•	•	•	•	•	•	•	•			
Thermoplastic Rubber Hose	307-FP	4	1/16 - 1/2 (4)														
	327-FP	4	1/8 - 13/16 (4)														
Bending Tools	101-F	5	1/4 - 5/8	•	•	•	•	•	•	•	•	•	•				
	102-F	5	1/4 - 7/8	•	•	•	•	•	•	•	•	•	•				
	112-F	5	1/4 - 3/8	•	•	•	•	•	•	•	•	•	•				
	162-F	5	3/16 - 1/4	•	•	•	•	•	•	•	•	•	•				
	163-F	5	1/4 - 5/8	•	•	•	•	•	•	•	•	•	•				
	201-F	5	1/4 - 7/8	•	•	•	•	•	•	•	•	•	•				
	270-F	10	3/4 - 1-1/8	•	•	•	•	•	•	•	•	•	•				
	364-FH	8	1/8 - 3/16	•	•	•	•	•	•	•	•	•	•				
	364-FHA	8	1/4 - 3/4 (3)	•	•	•	•	•	•	•	•	•	•				
	364-FHAM	8	6 - 12 mm	•	•	•	•	•	•	•	•	•	•				
	364-FHB	8	1/4 - 1/2	•	•	•	•	•	•	•	•	•	•				
	364-FHBM	8	6 - 12 mm	•	•	•	•	•	•	•	•	•	•				
	367-FH	7	1/8, 3/16, 1/4	•	•	•	•	•	•	•	•	•	•				
	368-FH	7	3/16, 1/4, 5/16, 3/8	•	•	•	•	•	•	•	•	•	•				
	370-FH	7	3/16, 1/4, 3/8, 1/2	•	•	•	•	•	•	•	•	•	•				
	470-FH	6	3/16, 1/4, 5/16, 3/8	•	•	•	•	•	•	•	•	•	•				
	564-FH	9	3/8, 1/2	•	•	•	•	•	•	•	•	•	•				
	600-F	10	1/4 - 3/4	•	•	•	•	•	•	•	•	•	•				
	664-FH	9	1/4, 3/8, 1/2	•	•	•	•	•	•	•	•	•	•				
	664-FH (Metric)	9	6 - 12 mm	•	•	•	•	•	•	•	•	•	•				
37° Flaring Tool	400-F	13	3/16 - 5/8	•	•	•	•	•	•	(2)	•	•	•	•	•	•	•
	437-FB	13	3/16 - 5/8	•	•	•	•	•	•	(2)	•	•	•	•	•	•	•
	447-F	14	1/8 - 1/2	•	•	•	•	•	•	(2)	•	•	•	•	•	•	•
	507-FB	13	3/16 - 5/8	•	•	•	•	•	•	(2)	•	•	•	•	•	•	•
	555-FS	15	3/16 - 5/8	•	•	•	•	•	•	(2)	•	•	•	•	•	•	•
	537-F	14	3/4 - 1-1/4	•	•	•	•	•	•	(2)	•	•	•	•	•	•	•
	2000-FS	20	1/8 - 3/4	•	•	•	•	•	•	(2)	•	•	•	•	•	•	•
45° Flaring Tool	195-FC	11	3/16 - 5/8	•	•	•	•	•	•	(2)	•	•	•	•	•	•	•
	203-FA	11	5/8 - 1-1/8	•	•	•	•	•	•	(2)	•	•	•	•	•	•	•
	275-FS	16	1/8 - 3/4	•	•	•	•	•	•	(2)	•	•	•	•	•	•	•
	300-FB	11	3/16 - 5/8	•	•	•	•	•	•	(2)	•	•	•	•	•	•	•
	375-FS	11	1/8 - 3/4	•	•	•	•	•	•	(2)	•	•	•	•	•	•	•
	500-FC	11	3/16 - 5/8	•	•	•	•	•	•	(2)	•	•	•	•	•	•	•
	525-F	12	3/16 - 5/8 4.75 - 16 mm	•	•	•	•	•	•	(2)	•	•	•	•	•	•	•
45° Double Flaring Tools	555-FS	15	3/16 - 5/8	•	•	•	•	•	•	(2)	•	•	•	•	•	•	•
	2000-FS	20	1/8 - 3/4	•	•	•	•	•	•	(2)	•	•	•	•	•	•	•
Reaming and Deburring Tools	93-FB	12	3/16 - 1/2	•	•	•	•	•	•		•	•	•	•	•	•	•
	2000-FS	20	3/16 - 3/4	•	•	•	•	•	•		•	•	•	•	•	•	•
	208-F	23	3/16 - 1-1/2	•	•	•	•	•	•		•	•	•	•	•	•	•
Tube Constrictor	209-F	23	1/4 - 1-1/2	•	•	•	•	•	•		•	•	•	•	•	•	•
	210-F	23		•	•	•	•	•	•		•	•	•	•	•	•	•
Swaging Tools	TC-1020	2	1/8 - 1-1/8	•	•	•	•	•	•		•	•	•	•	•	•	•
	93-S	18	3/16 - 7/8	•	•	•	•	•	•		•	•	•	•	•	•	•
	94-SSP	18	1/2, 5/8, 7/8	•	•	•	•	•	•		•	•	•	•	•	•	•
	95-S	18	3/16 - 5/8	•	•	•	•	•	•		•	•	•	•	•	•	•
	193-S	18	1/4 - 5/8	•	•	•	•	•	•		•	•	•	•	•	•	•
	195-SA	18	1/4 - 5/8	•	•	•	•	•	•		•	•	•	•	•	•	•
	275-FS	16	3/16 - 3/4	•	•	•	•	•	•		•	•	•	•	•	•	•
	555-FS	15	3/16 - 5/8	•	•	•	•	•	•		•	•	•	•	•	•	•
2000-FS	20	3/16 - 3/4	•	•	•	•	•	•		•	•	•	•	•	•	•	
Metric Bubble Flaring Tool	293-F	15	4.75 - 10 mm	•	•	•	•	•	•		•	•	•	•	•	•	•

(1) Heavy duty cutting wheel No. S75046 is recommended for continuous service with steel, stainless steel, monel, titanium and hard temper copper tubing.
 (2) Type M tubing should be torch annealed before flaring.
 (3) No.364-FHA, 5/8" - 3/4" size should be used only with annealed (softened) non-ferrous tubing.
 (4) Not to be used with metal reinforced hose.