

TUBE END FACER – FC SERIES / WELD REMOVAL TOOL



FEATURES :

- Tool uses 3 cutting Blades which can be configured for Tube End Facing or Weld Removal.
- Tool fitted with MT Shank for use with standard air or Electric Drill Machine.
- Tools available in Metric and SAE size.
- Ideally suited for work on larger Diameter Boiler Tubes.

TUBE OD		Facer Model No.	Spare Tool Bit Model No
mm	inch		
38.10	1.1/2	FC – 1500	FC – 1500 - TB
41.27	1.5/8	FC – 1625	FC – 1625 - TB
44.45	1.3/4	FC – 1870	FC – 1870 - TB
47.62	1.7/8	FC – 1887	FC – 1887 - TB
50.80	2	FC – 2000	FC – 2000 - TB
57.15	2.1/4	FC – 2250	FC – 2250 - TB
63.50	2.1/2	FC – 2500	FC – 2500 - TB
69.85	2.3/4	FC – 2870	FC – 2870 - TB
76.20	3	FC – 3000	FC – 3000 - TB
82.55	3.1/4	FC – 3250	FC – 3250 - TB
88.90	3.1/2	FC – 3500	FC – 3500 - TB
95.25	3.3/4	FC – 3870	FC – 3870 - TB
101.60	4	FC – 4000	FC – 4000 - TB

FLARING TOOL



TUBE OD		TUBE THK GAUGE	MODEL NO
mm	inch		
12.70	1/2"	16 – 22	FT – 1
15.87	5/8"	14 – 15	FT – 2
		16 – 22	FT – 3
19.05	3/4"	14 – 15	FT – 4
		16 – 22	FT – 5
22.22	7/8"	12 – 15	FT – 6
		16 – 22	FT – 7
25.40	1"	12 – 15	FT – 8
		16 – 22	FT – 9
28.57	1.1/8"	8 – 14	FT – 10
		15 – 22	FT – 11
31.87	1.1/4"	8 – 14	FT – 12
		15 – 22	FT – 13
34.92	1.3/8"	8 – 14	FT – 14
		15 – 22	FT – 15
38.10	1.1/2"	8 – 14	FT – 16
		15 – 22	FT – 17

TUBE GUIDE



TUBE OD		TUBE THK GAUGE	MODEL NO
mm	inch		
12.70	1/2"	16 – 18	TG – 1
		19 – 20	TG – 2
		21 – 23	TG – 2.5
15.87	5/8"	12 – 13	TG – 3
		14 – 16	TG – 4
		17 – 20	TG – 5
19.05	3/4"	22 – 24	TG – 5.5
		10 – 12	TG – 6
		13 – 16	TG – 7
22.22	7/8"	17 – 20	TG – 8
		22 – 24	TG – 8.5
		10 – 12	TG – 9
25.40	1"	13 – 16	TG – 10
		17 – 20	TG – 11
		21 – 22	TG – 11.5
		8 – 9	TG – 12
		10 – 12	TG – 12.5
		13 – 16	TG – 13
		17 – 20	TG – 14
		21 – 23	TG – 15

TUBE SHEET HOLE BRUSH



TUBE OD		MODEL NO
mm	inch	
1/2"	12.70	TSB – 1
5/8"	15.87	TSB – 2
3/4"	19.05	TSB – 3
7/8"	22.22	TSB – 4
1"	25.40	TSB – 5
1.1/4"	31.87	TSB – 6
1.1/2	38.10	TSB – 7
1.3/4	44.45	TSB – 8
2	50.80	TSB – 9
2.1/4	57.15	TSB – 10
2.1/2	63.50	TSB – 11
2.3/4	69.85	TSB – 12
3	76.20	TSB – 13

HOLE RADIUS CUTTER



TUBE OD		MODEL	TOOL RADIUS		MORSE TAPER
mm	inch		mm	inch	
1/2"	12.70	TC-1	3.2	1/8"	2
5/8"	15.87	TC-2	4.0	5/32"	2
3/4"	19.05	TC-3	4.8	3/16"	2
7/8"	22.22	TC-4	4.8	3/16"	2
1"	25.40	TC-5	4.8	3/16"	2
1.1/8"	28.57	TC-6	6.4	1/4"	2
1.1/4	31.87	TC-7	6.4	1/4"	2

BEADING TOOL



BELLING TOOL



TUBE OD		TUBE BWG	MODEL NO
mm	inch		
1/2"	12.70	16-17	BT-1
		18-19	BT-2
		20-22	BT-3
5/8"	15.87	16-17	BT-4
		18-19	BT-5
		20-22	BT-6
3/4	19.05	16-17	BT-7
		18-19	BT-8
		20-22	BT-9
1"	25.40	16-17	BT-10
		18-19	BT-11
		20-22	BT-12

In many condensers the inlet end of tubes are required to be seated into the sheet (not projecting). The contour is a "Bell End" of special shape.