

BRASS SINGLE SPIRAL BRUSHES for CONDENSER / HEAT EXCHANGER

Tubes of condensers, heat exchangers... must be kept clean in order to maintain efficiency and prevent overheating and permanent damage. Brass brushes are ideal for cleaning mineral deposits from inside straight Copper and Cupro-Nikel tubes. Especially recommended for use with power tools, although handle for manual use is available.

- Brass rods thread (8-32 or 12-24) into each other can be assembled to suit tube length.



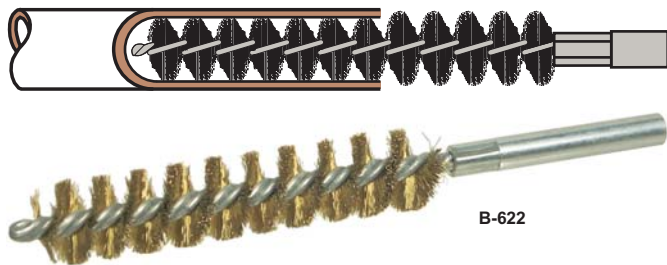
Single Spiral/single Stem (2 wire) Brush bristles are twisted between two stem wires with a single wire on each side.



Single Spiral/Double Stem (4 wire) Brush bristles are twisted between two stem wires with a single wire on each side.

TYPICAL SCALE DEPOSIT AND CONDUCTION LOSS

SOFT SCALE THICKNESS		HARD SCALE THICKNESS	
0/00" / 0,00 mm.	0%	0/00" / 0,00 mm.	0%
1/50" / 0,51 mm.	2%	1/50" / 0,51 mm.	4%
1/32" / 0,79 mm.	4%	1/32" / 0,79 mm.	8%
1/16" / 1,59 mm.	10%	1/16" / 1,59 mm.	12%
1/8" / 3,18 mm.	15%	1/8" / 3,18 mm.	20%



Model	Description
B-602	Brass single spiral / single stem brush for Ø 1/4" (6,35 mm.) ID tube. - 3" (76 mm.) x Female 8-32.
B-604	Brass single spiral / double stem Ø 3/8" (9,52 mm.) ID tube - 4" (101 mm.) x F. 12-24.
B-607	Ø 7/16" (11,11 mm.) ID tube - 4" (101 mm.) x F. 12-24.
B-610	Ø 1/2" (12,70 mm.) ID tube - 4" (101 mm.) x F. 12-24.
B-613	Ø 9/16" (14,29 mm.) ID tube - 4" (101 mm.) x F. 12-24.
B-616	Ø 5/8" (15,88 mm.) ID tube - 4" (101 mm.) x F. 12-24.
B-619	Ø 11/16" (17,46 mm.) ID tube - 4" (101 mm.) x F. 12-24.
B-622	Ø 3/4" (19,05 mm.) ID tube - 4" (101 mm.) x F. 12-24.
B-625	Ø 13/16" (20,65 mm.) ID tube - 4" (101 mm.) x F. 12-24.
B-628	Ø 7/8" (22,22 mm.) ID tube - 4" (101 mm.) x F. 12-24.
B-631	Ø 15/16" (23,81 mm.) ID tube - 4" (101 mm.) x F. 12-24.
B-633	Ø 1" (25,40 mm.) ID tube - 4" (101 mm.) x F. 12-24.

NYLON SINGLE SPIRAL BRUSHES for CONDENSER / HEAT EXCHANGER

Nylon brushes are ideal for cleaning mineral deposits from inside straight Copper and Cupro-Nikel tubes. Especially recommended for use with power tools, although handle for manual use is available.

- Brass rods thread (8-32 or 12-24) into each other can be assembled to suit tube length.



Model	Description
B-702	Nylon single spiral / single stem brush for Ø 1/4" (6,35 mm.) ID tube. - 3" (76 mm.) x Female 8-32.
B-704	Ø 3/8" (9,52 mm.) ID tube - 4" (101 mm.) x F. 12-24.
B-707	Ø 7/16" (11,11 mm.) ID tube - 4" (101 mm.) x F. 12-24.
B-710	Ø 1/2" (12,70 mm.) ID tube - 4" (101 mm.) x F. 12-24.
B-713	Ø 9/16" (14,29 mm.) ID tube - 4" (101 mm.) x F. 12-24.
B-716	Ø 5/8" (15,88 mm.) ID tube - 4" (101 mm.) x F. 12-24.
B-719	Ø 11/16" (17,46 mm.) ID tube - 4" (101 mm.) x F. 12-24.
B-722	Ø 3/4" (19,05 mm.) ID tube - 4" (101 mm.) x F. 12-24.
B-725	Ø 13/16" (20,65 mm.) ID tube - 4" (101 mm.) x F. 12-24.
B-728	Ø 7/8" (22,22 mm.) ID tube - 4" (101 mm.) x F. 12-24.
B-731	Ø 15/16" (23,81 mm.) ID tube - 4" (101 mm.) x F. 12-24.
B-733	Ø 1" (25,40 mm.) ID tube - 4" (101 mm.) x F. 12-24.

HIGH CARBON STEEL SINGLE SPIRAL BRUSHES for CONDENSER / HEAT EXCHANGER

Ideal for cleaning mineral deposits from inside metal straight tubes. Especially recommended for use with power tools, although handle for manual use is available.

- Brass rods thread (8-32 or 12-24) into each other can be assembled to suit tube length.



Model	Description
B-802	High Carbon Steel single spiral / double stem brush for Ø 1/4" (6,35 mm.) ID tube. - 3" (76 mm.) x Female 8-32.
B-804	Ø 3/8" (9,52 mm.) ID tube - 4" (101 mm.) x F. 12-24.
B-807	Ø 7/16" (11,11 mm.) ID tube - 4" (101 mm.) x F. 12-24.
B-810	Ø 1/2" (12,70 mm.) ID tube - 4" (101 mm.) x F. 12-24.
B-813	Ø 9/16" (14,29 mm.) ID tube - 4" (101 mm.) x F. 12-24.
B-816	Ø 5/8" (15,88 mm.) ID tube - 4" (101 mm.) x F. 12-24.
B-819	Ø 11/16" (17,46 mm.) ID tube - 4" (101 mm.) x F. 12-24.
B-822	Ø 3/4" (19,05 mm.) ID tube - 4" (101 mm.) x F. 12-24.
B-825	Ø 13/16" (20,65 mm.) ID tube - 4" (101 mm.) x F. 12-24.
B-828	Ø 7/8" (22,22 mm.) ID tube - 4" (101 mm.) x F. 12-24.
B-831	Ø 15/16" (23,81 mm.) ID tube - 4" (101 mm.) x F. 12-24.
B-833	Ø 1" (25,40 mm.) ID tube - 4" (101 mm.) x F. 12-24.

ACCESSORIES



Accessories	
BE- 5	5" (127 mm.) x 3/8" (10 mm.) Brass handle / Male 12-24 thread one end / Female 8-32 thread other with Adapter.
BE-48	48" (1,2 m.) x 0,162" (4,11 mm) steel extension rod with handle / Male 8-32 thread. For B-602 , B-702 & B-802 only
BE-24	24" (0,6 m.) brass extension rod with Male 12-24 thread one end / Female 12-24 thread other.
BE-36	36" (0,9 m.) brass extension rod Male 12-24 x Female 12-24 thread.
BH- 1	Aluminum "T" handle with screw - Ø 1/2" (12,70 mm.) x 4" (101 mm.) - Female 12-24 thread.

ADJUSTABLE CONDENSER TUBE CLEANERS

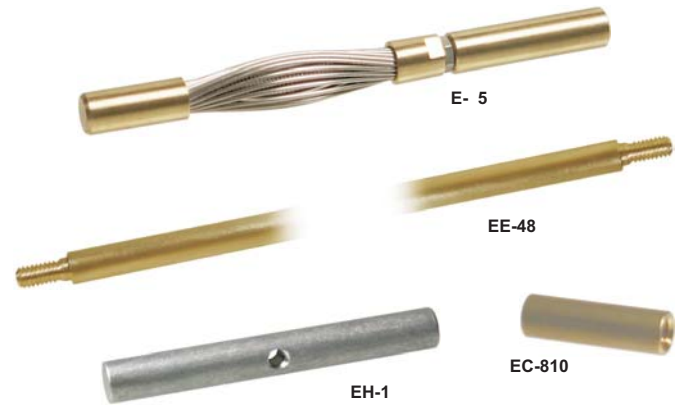
The fast, thorough, economical way to remove mineral scale and sludge from inside water-cooled condenser tubes. Expando attaches to a threaded rod which fits into an Expando handle or your electric drill. With a reaming action, the tough stainless steel blades scrape everywhere inside the tube, proving a free, unrestricted flow. Virtually clogproof, this tool may be expanded or reduced in diameter to fit scale deposit - not just the tube.

- Saves time-Consuming brushing or flushing;
- Four popular sizes to fit every cleanable condenser;
- Female 1/4"-28 thread one end.

1. Simply attach the Brush to a threaded rod which fits into an Expando handle or your electric drill. For extra long tubes coupling are available so that additional rods may be attached;
2. Ream out the condenser tube;

NOTE : Use EC-810 brass couplings for connecting rods.

CAUTION : When using brushes wear goggles or face shields.



Model	Description
E- 5	Adjustable condenser tube cleaner with Stainless Steel blades. For 5/16" to 3/8" (8,00 + 9,52 mm.) ID Indoor Diameter tubes. Female 1/4"-28 thread one end.
E- 6	For 3/8" to 1/2" (Ø 9,52 + 12,70 mm.) ID tubes.
E- 8	For 1/2" to 5/8" (Ø 12,70 + 15,88 mm.) ID tubes.
E-10	For 5/8" to 1" (Ø 15,88 + 25,40 mm.) ID tubes.

Accessories

EE-30	30" (0,7 m.) brass extension rod with Male 1/4"-28 thread one end / Male 1/4-28 thread other.
EE-48	48" (1,2 m.) brass extension rod with Male 1/4"-28 thread one end / Male 1/4-28 thread other.
EH- 1	Aluminum "T" handle Ø 1/2" x 4" (Ø 12,70 x 100 mm.) with Female 1/4"-28 thread.
EC- 56	Brass coupling with Female 8-32 thread one end / Female 1/4"-28 thread other. For E- 5 & E- 6 .
EC-810	Brass coupling with Female 1/4-28 thread one end / Female 1/4"-28 thread other. For E- 8 & E-10 .

Spare Parts

EB- 6	Stainless Steel blades for E- 5 & E- 6 (18 pcs.).
EB- 8	Stainless Steel blades for E- 8 (18 pcs.).
EB-10	Stainless Steel blades for E-10 (18 pcs.).