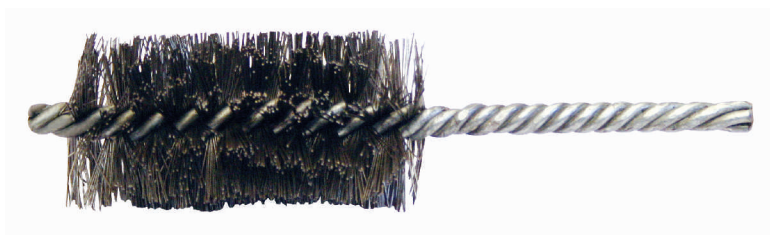


## TUBE SHEET HOLE BRUSH

1/2" - 3"  
O.D.



- To clean tube sheet bores, prior to tube installation.
- Can be used with any standard pneumatic or electric drill.

Tube O.D.		Model No.
mm	inch	
12.70	1/2	TSHB-1/2
15.87	5/8	TSHB-5/8
19.05	3/4	TSHB-3/4
22.22	7/8	TSHB-7/8
25.40	1	TSHB-1
31.75	1.1/4	TSHB-1.1/4
38.10	1.1/2	TSHB-1.1/2
44.45	1.3/4	TSHB-1.3/4
50.80	2	TSHB-2
57.15	2.1/4	TSHB-2.1/4
63.50	2.1/2	TSHB-2.1/2
69.85	2.3/4	TSHB-2.3/4
76.20	3	TSHB-3

**Note :** Available in your choice of carbon steel, stainless steel or brass. For other / larger sizes, please enquire.

## TUBE GUIDE

1/2" - 3"  
O.D.



- To 'pilot' the tubes through the tube sheets and baffle plates during tube insertion.

Tube O.D.		Tube Thk. bwg.	Model No.	Tube O.D.		Tube Thk. bwg.	Model No.
mm	inch			mm	inch		
12.70	1/2	16-18	PTG-1	31.75	1.1/4	10-13	PTG-15
		19-20	PTG-2			14-20	PTG-16
		21-23	PTG-2.5			8-9	PTG-17
15.87	5/8	12-13	PTG-3	34.92	1.3/8	10-13	PTG-18
		14-16	PTG-4			14-20	PTG-19
		17-20	PTG-5			8-9	PTG-20
		22-24	PTG-5.5			10-13	PTG-21
19.05	3/4	10-12	PTG-6	38.10	1.1/2	14-20	PTG-22
		13-16	PTG-7			8-10	PTG-23
		17-20	PTG-8			11-13	PTG-24
		22-24	PTG-8.5			14-18	PTG-25
22.22	7/8	10-12	PTG-9	50.80	2	10-13	PTG-26
		13-16	PTG-10			14-18	PTG-27
		17-20	PTG-11				
		21-22	PTG-11.5				
25.40	1	8-9	PTG-12.5	63.50	2.1/2		
		10-12	PTG-12				
		13-16	PTG-13				
		17-20	PTG-14				
31.75	1.1/4	21-23	PTG-14.5				
		10-13	PTG-15				
		14-20	PTG-16				

**Note :** For other / larger sizes, please enquire.