

SERIES 83



These brushes can be used for thread deburring, tube cleaning, de-scaling and rust removal. They are cut for power and can be made with carbon steel, stainless steel, brass or nylon filament to provide a solution to a variety of cleaning applications.

TUBE BRUSHES

Brush Dia.	Fill Sizes				Brush Part	Overall Length	Catalog Numbers			
	Carbon Steel	Stainless Steel	Brass	Nylon			Stainless Steel	Carbon Steel	Brass	Nylon
¼"	.006	.004	.005	.008	1½"	4½"	83-S250	83-C250	83-B250	83-N250
⅜"	.006	.004	.005	.010	1½"	4½"	83-S312	83-C312	83-B312	83-N312
½"	.006	.005	.005	.010	1½"	4½"	83-S375	83-C375	83-B375	83-N375
⅝"	.006	.005	.005	.010	1½"	5"	83-S437	83-C437	83-B437	83-N437
¾"	.006	.006	.005	.010	1½"	5"	83-S500	83-C500	83-B500	83-N500
⅞"	.006	.006	.005	.010	1½"	5"	83-S562	83-C562	83-B562	83-N562
1"	.008	.008	.008	.012	1¾"	5"	83-S625	83-C625	83-B625	83-N625
1¼"	.008	.008	.008	.014	1¾"	5"	83-S750	83-C750	83-B750	83-N750
1½"	.008	.008	.008	.014	2"	6"	83-S875	83-C875	83-B875	83-N875
1¾"	.008	.008	.008	.017	2"	6"	83-S1000	83-C1000	83-B1000	83-N1000
2"	.010	.010	.010	.022	2½"	6"	83-S1250	83-C1250	83-B1250	83-N1250
2¼"	.010	.010	.010	.022	2½"	6"	83-S1500	83-C1500	83-B1500	83-N1500
2½"	.010	.010	.010	.022	3"	7"	83-S1750	83-C1750	83-B1750	83-N1750
3"	.012	.012	.012	.028	3"	7"	83-S2000	83-C2000	83-B2000	83-N2000

SOLUTION SHOWCASE

MINIATURE BRUSHES



Small parts requiring deburring, edge blending or other surface finishing operations can present particular production challenges to manufacturers. Often production is taken off-stream resulting in reduced productivity and inconsistent product quality.

A miniature deburring brush can solve both the productivity and quality challenges involved when manufacturing parts of various small sizes, contours and materials. Precision Planting, Inc. (Tremont, IL), an industry leader in agricultural seed planting equipment, manufactures a variety of systems that are designed to solve exact seed spacing and placement issues.

"One of our newest systems has tubes that are injection molded, and we had great concern about removing the residual flash that was created by the molding process," explains Precision Planting engineer Derek Sauder. "It may only be only .002 to .005 in. Using BRM's miniature brushes have "allowed our products to become the most accurate planting equipment in the market," he says. "Our product is well-known and has a fine reputation in the marketplace. And this process helps us attain that. It is economical and gives us good results."

SOLUTION SHOWCASE

TUBE BRUSH TIPS

- + Never reverse a twisted in wire brush while in the bore. This will result in filament unraveling
- + Change the handle—most tube brushes can be manufactured with various handle types. If looped or wooden handles are not providing the proper cleaning, request cutting the handles for power.

Bottom End vs Cut End



A bottom end style brush features a turned end at its tip, with the filaments twisted all the way to the tip of the brush. The turned end protects the bottom of the closed hole from being damaged.

Series 85 brushes feature a bottom end style design.



Cut ends are used for through hole applications.

Available Cut End Brushes: Series 81, 83 and 84