

# Tube Brushes



## Single Stem, Single Spiral - WTS Series

For manual cleaning applications.

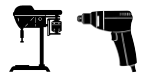
28210

Diam.	Wire Size	Length of Brush Part	Approx. Stem Dia.	Overall Length	Catalog Number	Standard Pack	Item Number	
							Steel	Stainless
3/16	.003	1-1/2	3/32	7	WTS3	12	28120	28140
	.006						28130	28150
1/4	.004	1-1/2	3/32	7	WTS4	12	28160	28180
	.006						28170	28190
3/8	.004	2	1/8	8	WTS6	12	28200	28280
	.006						28210	28230
1/2	.005	2	1/8	8	WTS8	12	28240	28260
	.008						28250	28270



## Single Spiral - PTS Series

Deburring, cleaning and finishing internal diameters.



25801

Diam.	Wire Size	Length of Brush Part	Approx. Stem Dia.	Overall Length	Catalog Number	Standard Pack	Item Number		
							Steel	Stainless	Brass
5/32	.003	7/16	1/16	2-1/4	PTS1	12	25750	26500	25752
1/4	.004	1	1/8	3-1/2	PTS2	12	25760	26510	25762
5/16	.004	1	1/8	3-1/2	PTS5/16	12	70347	70464	-
3/8	.004	1	1/8	3-1/2	PTS3	12	25770	26530	25772
7/16	.005	1	1/8	3-1/2	PTS7/16	12	70348	76084	-
1/2	.005	1	3/16	3-1/2	PTS4	12	25780	26540	25782
9/16	.005	1	3/16	3-1/2	PTS9/16	12	76348	-	-
5/8	.005	1	3/16	3-1/2	PTS5	12	25790	26560	25792
11/16	.005	1	3/16	3-1/2	PTS11/16	12	70471	-	-
3/4	.006	1	1/4	3-1/2	PTS6	12	25801	26581	25802
7/8	.006	1	1/4	3-1/2	PTS7	12	25811	26591	25812
1	.008	1	1/4	3-1/2	PTS8	12	25821	26631	25822
1-1/8	.008	1	1/4	3-1/2	PTS9	12	25831	26601	25832
1-1/4	.008	1	1/4	3-1/2	PTS10	12	25841	26621	-
1-1/2	.008	1	1/4	3-1/2	PTS11	12	76017	70447	-



## Double Stem Tube Brushes

PTD & PTDL Series

Aggressive deburring, cleaning and finishing of internal diameters.



24210

Diam.	Wire Size	Length of Brush Part	Approx. Stem Dia.	Overall Length	Catalog Number	Standard Pack	Item Number	
							Steel	Stainless
<b>Double Stem, Single Spiral</b>								
1/2	.004	2	1/8	5	PTD4	12	24200	24201
	.006						24210	-
5/8	.005	2	3/16	5	PTD5	12	24230	24231
	.008						24240	24241
	.010						24250	24251
3/4	.006	2-1/2	1/4	5	PTD6	12	24281	24283
	.010						24291	24293
7/8	.006	2-1/2	1/4	5	PTD7	12	24321	24323
	.010						24331	24333
1	.006	2-1/2	1/4	5	PTD8	12	24351	-
	.010						24361	24363
1-1/4	.006	2-1/2	1/4	5	PTD9	12	24370	24372
	.010						24380	-
<b>Double Stem, Double Spiral</b>								
1/4	.006	2	1/8	6	PTDL2	12	24880	-
3/8	.006	2	1/8	6	PTDL3	12	24890	-
1/2	.006	2	1/8	6	PTDL4	12	24900	-
5/8	.006	3-1/2	3/16	5-1/2	PTDL5	12	24910	-
3/4	.006	3-1/2	1/4	5-1/2	PTDL6	12	24921	-



27920

## Valve Guide Brushes - VP Series

Single Stem, Single Spiral with Handle

Used for cleaning valve guides and other small holes.



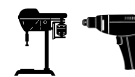
Diam.	Length of Brush Part	Overall Length	Catalog Number	Standard Pack	Item Number	
					Steel	Nylon
5/16	2-1/2	9-1/2	VP10	12	27810	27820
11/32	2-1/2	9-1/2	VP11	12	27830	27840
3/8	2-1/2	9-1/2	VP12	12	27850	27860
7/16	2-1/2	9-1/2	VP14	12	27890	27900
1/2	2-1/2	9-1/2	VP16	12	27910	27920
9/16	2-1/2	9-1/2	VP18	12	27930	27940
5/8	2-1/2	9-1/2	VP20	12	27970	27980
3/4	2-1/2	9-1/2	VP24	12	27990	-



25470

## Butterfly Tube Brushes - PTF Series

Use with holder on blind, threaded holes.



Diam.	Wire Size	Length of Brush Part	Approx. Stem Dia.	Overall Length	Catalog Number	Standard Pack	Item Number	
							Steel	Stainless
1/4	.003	9/16	3/32	2-1/8	PTF2	12	24990	-
	.005					12	25010	25030
5/16	.003	9/16	3/32	2-1/8	PTF25	12	25070	-
	.005					12	25080	-
3/8	.003	3/8	3/32	2-1/8	PTF3	12	25130	-
	.005					12	25140	25180
	.008					12	25160	-
3/8	.005	5/8	1/8	2-1/8	PTF3	12	25150	-
7/16	.003	9/16	3/32	2-1/8	PTF35	12	25230	-
	.005					12	25240	-
	.008					12	25260	-
7/16	.005	5/8	1/8	2-1/8	PTF35	12	25250	-
1/2	.005	9/16	3/32	2-1/4	PTF4	12	25340	25390
	.008					12	25360	-
1/2	.005	5/8	1/8	2-1/4	PTF4	12	25350	25400
	.008					12	25370	-
9/16	.003	5/8	1/8	2-1/4	PTF45	12	25420	-
	.005					12	25430	25450
	.008					12	25440	-
5/8	.005	5/8	1/8	2-1/4	PTF5	12	25470	25490
	.008					12	25480	-
3/4	.003	5/8	1/8	2-1/4	PTF6	12	25500	-
	.005					12	25510	25530
	.008					12	25520	25540
7/8	.005	3/4	1/8	2-1/4	PTF7	12	25560	25590
	.008					12	25570	-
1	.005	5/8	1/8	2-1/4	PTF8	12	25630	25650
	.008					12	25640	-
1-1/16	.005	5/8	1/8	2-1/4	PTF85	12	25660	-
1-1/8	.005	5/8	1/8	2-1/4	PTF9	12	25680	-
1-1/4	.005	5/8	1/8	2-1/4	PTF10	12	25720	25730
	.008					12	25740	-



37516

## Butterfly Tube Brush Holders

PTF Series - 1/4" Stem

For Brush Stem Diam.	Holder Diam.	Overall Length	Catalog Number	Standard Pack	Item Number
3/32	1/4	3-1/8	PTF-1	5	37515
1/8	3/8	3-3/8	PTF-2	5	37516

 Refer to page 6 for  
 Tube Brush Operating  
 Recommendations