

1-800-GRAINGER (472-4643)



Brass and Bronze Nonsparking Wire Brushes

An excellent choice for cleaning molds and dies in plastic injection and extrusion applications, particularly in environments where potentially explosive or flammable materials may be present.

Abrasive Material	Brush Dia.	Arbor Hole	Face Width	Wire Dia.	Max. RPM	Item No.	Pkg. Qty.	
Crimped Wire, Shank								
Cup								
Brass	1 3/4 in	—	—	0.006 in	13,000	33M615	1	
	1 3/4 in	—	—	0.0118 in	13,000	33M617	1	
	2 3/4 in	—	—	0.0118 in	6,000	33M616	1	
End								
Brass	1/2 in	—	—	0.005 in	25,000	33M610	1	
	1 in	—	—	0.005 in	22,000	33M609	1	
	1 in	—	—	0.012 in	22,000	33M608	1	
Wheel								
Brass	3 in	—	1/2 in	0.012 in	20,000	6JXG6	1	
Crimped Wire, Arbor Mount								
Cup								
Brass	5 in	3/8" - 11"	—	0.014 in	8,000	33M619	1	
	3 in	3/8" - 11"	—	0.02 in	14,000	33M613	1	
	4 in	3/8" - 11"	—	0.02 in	9,000	33M620	1	
Bronze	6 in	3/8" - 11"	—	0.02 in	6,600	33M618	1	
	Wheel							
	Brass	1 1/2 in	3/8"	1/4 in	0.005 in	20,000	33M637	1
2 in		1/2"	3/8 in	0.012 in	20,000	33M636	1	
3 in		1/2"	3/8 in	0.014 in	20,000	33M635	1	
6 in		3/8"	1/2 in	0.005 in	20,000	33M604	1	
6 in		3/8"	1/2 in	0.012 in	6,000	33M605	1	
Knotted Wire, Arbor Mount								
Cup								
Bronze	2 3/4 in	3/8" - 11"	—	0.02 in	14,000	33M614	1	
	4 in	3/8" - 11"	—	0.02 in	9,000	33M611	1	
Twisted Wire, Shank								
End								
Bronze	1 1/8 in	—	—	0.006 in	20,000	33M607	1	
Twisted Wire, Arbor Mount								
Wheel								
Bronze	3 in	1/2"	3/8 in	0.02 in	20,000	33M606	1	
Shank Brush								
Bronze	4 in	3/8"	1/2 in	0.02 in	20,000	33M612	1	
Spiral Brush								
Brass	Single	0.25 in	1 in	3/16 in	0.004 in	0.125 in	33M633 10	
	Round	0.5 in	2 in	5 in	0.006 in	0.188 in	33M625 10	
Tube Brush	Brass	Single	0.25 in	1 in	3/16 in	0.008 in	0.25 in 33M623 10	
		Single	0.187 in	1 1/2 in	7 in	0.003 in	0.094 in 33M631 10	
Single	Brass	0.25 in	1 1/2 in	7 in	0.003 in	0.094 in 33M632 10		
		0.25 in	1 1/2 in	7 in	0.005 in	0.094 in 33M622 10		
		0.375 in	2 in	8 in	0.004 in	0.125 in 33M628 10		
		0.5 in	2 in	8 in	0.004 in	0.125 in 33M624 10		
		0.625 in	2 in	5 in	0.008 in	0.219 in 33M630 10		
		Double	0.75 in	2 1/2 in	5 1/2 in	0.006 in	0.25 in 33M626 10	
Single	1 in	2 1/2 in	5 1/2 in	0.006 in	0.25 in 33M629 10			



Cup Brushes
33M613



Twisted Wire End
33M607



Twisted Wire Wheel
33M606



Single Spiral Tube
33M625



Disc Brush
4GJD4



Wheel Brush
4GJC3



Burr-Rx Brushes

Compliant, highly aggressive nylon filament is coextruded with ceramic grain for removal of large burrs and operation at elevated feed rates. Ideal for automated processes.

Brush Dia.	Face Width	Wire Dia.	Max. RPM	Mfr. Model	Item No.
Disc Brushes - Direct Mount Shell Mill Holder, 1 1/4" Arbor Hole					
4 in	—	0.026 in	1,800	97823	4GJD4
6 in	—	0.055 in	1,800	97826	4GJD7
Wheel Brushes - Composite Metal Hub, 2" Arbor Hole					
6 in	3/4 in	0.026 in	12,500	97749	4GJC1
	3/4 in	0.043 in	12,500	97802	4GJC2
	3/4 in	0.055 in	12,500	97803	4GJC3
8 in	3/8 in	0.026 in	6,000	97804	4GJC4
	3/8 in	0.055 in	6,000	97805	4GJC5
10 in	1/8 in	0.026 in	4,500	97806	4GJC6
	1/8 in	0.055 in	4,500	97812	4GJC7
12 in	1/4 in	0.043 in	3,600	97813	4GJC8



Wire Wheel
1PBH2



End Brush
1PBG8



Cup Brush
1PBJ5



Abrasive Nylon Brushes

For removing rust from metal surfaces and for light sanding jobs. Also for working with holes and round edges. Medium/Fine is for light-duty applications. Coarse and X-Coarse are for heavy-duty use.

Brush Dia.	Fill Type	Wire Dia.	Max. RPM	Mfr. Model	Item No.
Wire Wheel Brushes					
3 in	Nylon (Medium/Fine)	0.022 in	4,500	90436	1PBH2
	Nylon (Coarse)	0.022 in	4,500	90435	1PBH1
	Nylon (X-Coarse)	0.022 in	20,000	90434	1PBG9
4 in	Nylon (Medium/Fine)	0.04 in	4,500	90439	1PBH5
	Nylon (Coarse)	0.04 in	4,500	90438	1PBH4
	Nylon (X-Coarse)	0.04 in	9,000	90437	1PBH3
End Brushes					
3/4 in	Nylon (Medium/Fine)	0.006 in	4,500	90433	1PBG8
	Nylon (Coarse)	0.006 in	4,500	90432	1PBG7
	Nylon (X-Coarse)	0.02 in	4,500	90431	1PBG6
Cup Brushes					
3 in	Nylon (Medium/Fine)	0.047 in	4,500	90448	1PBJ5
	Nylon (Coarse)	0.047 in	4,500	90447	1PBJ4
	Nylon (X-Coarse)	0.047 in	4,500	90446	1PBJ3



Wire Wheel
4GHX9



Cup Brush
4GHZ3



Nylox Brushes

Brushes have nylon- and abrasive-grain filaments to deburr and blend edges. Conformable, nonloading brushes are ideal for automated processes.

Brush Dia.	Wire Size (in.)	Arbor Hole	Face Width	Max. RPM	Mfr. Model	Item No.
Wire Wheel Brushes						
Copper Center						
2 in	0.022/120	3/8"	7/16 in	20,000	97528	4GHX9
	0.022/320	3/8"	3/8 in	20,000	97446	4GHX6
	0.040/120	1/2"	3/8 in	20,000	97456	4GHX7
3 in	0.022/120	1/2"	1/2 in	20,000	97536	4GHY3
	0.022/320	1/2"	1/2 in	20,000	97531	4GHY2
	0.035/180	1/2"	1/2 in	20,000	97529	4GHY1
Narrow Face						
3 in	0.040/120	1/2"	3/8 in	20,000	97551	4GHY5
	0.035/180	1/2"	1/2 in	20,000	97593	4GHY6
	0.040/120	1/2"	1/2 in	20,000	97594	4GHY7
	0.040/120	3/8"	3/8 in	20,000	97601	4GHZ1
Cup Brushes						
2 3/4 in	0.035/180	—	—	6,000	97602	4GHZ2 *
3 1/2 in	0.035/180	3/8" - 11"	—	12,000	97603	4GHZ3
5 in	0.040/120	3/8" - 11"	—	8,000	97604	4GHZ4
6 in	0.040/80	3/8" - 11"	—	6,600	96096	3H605

* 1/4" stem-mounted.

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