

Microabrasive Tube Brushes

Range of industries:

- Engine production
- High - tech industry
- Microelectronics
- Aerospace
- Medical equipment
- Hydraulic systems
- Pneumatic systems
- Precisions tools



Technical attributes: Galvanized steel wire core, single spiral. The flexible trimming is made up of nylon threads which, is enriched with abrasive grains made out of Silicon Carbide or Aluminium Oxide.

Microabrasive brushes can be used for all kinds of industrial needs, due to their flexibility and the many diameters offered. This can be seen in the tips of the trimmings and the abrasive particles in the threads as they achieve the targeted effect and can therefore be used in previously difficult to achieve cleaning.

Application : Excellently suited for machine - related deburring of cross holes, valves and cleaning small threads (especially in those cases, where the geometry of the surface shouldn't be changed).



Dimensions in mm			Shaft Ø in mm	Nylon-Si-Carbid Grid 1000	Nylon-Al-Oxyd Grid 600	Qty
Ø	Eff.length	Total				
0.7	12	100	0.42	56.400		12
1.2	12	100	0.47	56.403		12
1.9	18	100	0.74	56.406		12
2.2	18	100	0.93	56.409		12
2.6	25	100	1.08	56.412		12
3.2	25	100	1.66	56.415		12
3.5	25	100	1.66	56.418		12
4.2	25	125	2.20		56.425	12
4.8	25	125	2.20		56.427	12
5.5	25	125	2.20		56.428	12
6.6	25	125	3.00		56.429	12
8.2	25	125	3.00		56.432	12
9.8	25	125	3.40		56.435	12
11.5	25	125	3.40		56.436	12
13.0	25	125	4.20		56.438	12
16.0	25	125	4.20		56.441	12
17.5	25	125	4.20		56.442	12
19.4	25	125	5.60		56.444	12
22.6	25	125	5.60		56.447	12
25.8	25	125	6.20		56.450	12

Diamond Impregnated Internal Cleaning Brushes

Range of industries:



High - tech industry
Precision tools
Microelectronics
Hydraulic systems
Pneumatic systems
Aerospace
Sintered parts
Medical equipment



Technical attributes:



Galvanized steel core, stabilised with a brass tube. Flexible Nylon-Diamond filaments - available with grid 400 or 800.

Winged brushes without a brass core available upon request.

Nylon-Diamant interior brushes are made out of very flexible filling material and offer therefor - in addition to the deburring work - three crucial advantages:

1. Due to the flexibility of Nylon Diamond filaments, the brush life is longer, than for standard brushes with thicker and not so flexible filling material.
2. The flexible filling enables a rapid recovery following heavy use and deformation. This is due to the fact, that the Nylon-Diamond filaments flex rather than break.
3. After the treatment with a Nylon Diamant brush the surface will be polished and not scratched.



Dimensions in mm			Shaft Ø in mm	Nylon-Diamant Grid 400	Nylon-Diamant Grid 800	Qty
Ø	Eff.length	Total				
2.0	20	100	1.0	852.002 0008	852.802 0008	2
2.5	20	100	1.0	852.002 0018	852.802 0018	2
3.0	20	100	1.5	852.003 0008	852.803 0008	2
3.5	20	100	1.5	852.003 0018	852.803 0018	2
4.0	20	115	3.0	852.004	852.804	2
5.0	20	115	3.0	852.005	852.805	2
6.0	20	115	3.0	852.006	852.806	2
7.0	20	115	3.0	852.007	852.807	2
8.0	20	115	3.0	852.008	852.808	2
9.0	20	115	3.0	852.009	852.809	2
10.0	20	115	4.0	852.010	852.810	2
12.0	20	115	6.0	852.012	852.812	2
15.0	20	115	6.0	852.015	852.815	2
17.0	20	115	6.0	852.017	852.817	2
19.0	20	115	6.0	852.019	852.819	2
22.0	20	115	6.0	852.022	852.822	2
25.0	20	115	6.0	852.025	852.825	2

Korfil - E Tube Brushes

Application:

Deburring of cross-holes, inside threads, o-ring groove, etc. as well as cleaning of boreholes.

Technical attributes:

Double spiral galvanized steel wire core. These brushes are vital for interior processing of drill holes and the difficult final operation of non-ferrous-metals and aluminium cast for hydraulic systems. These tube brushes can be used either manually or mounted on a power tool.



Dimensions in mm			Shaft Ø in mm	Grid 80	Grid 120	Grid 320	Qty
Ø	Eff.length	Total					
6	50	125	3.0		56.306	56.326	12
8	50	125	3.0		56.308	56.328	12
10	50	125	4.0	56.010	56.310	56.330	12
13	50	125	4.0	56.011	56.311	56.331	12
16	50	125	5.0	56.012	56.312	56.332	12
19	65	125	5.0	56.013	56.313	56.333	12
22	65	125	5.5	56.014	56.314	56.334	12
25	65	125	5.5	56.015	56.315	56.335	12
32	65	125	6.0	56.016	56.316	56.336	12
38	65	125	6.0	56.017	56.317	56.337	12
50	65	125	6.0	56.018	56.318	56.338	12

Miniatur Brush Tools

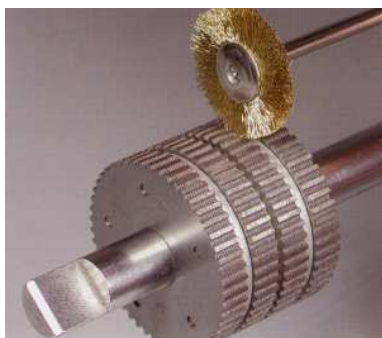
Range of industries:

Medical instruments
Hydraulic systems
Pneumatic systems
Mikroelektronik
Optics
Precision engineering
Fine mechanics



Technical attributes:

Galvanized mounting with galvanized steel shank - available in Ø 2.34 mm or Ø 3.18mm. These brushes are suitable for cleaning, polishing and deburring of small parts, small boreholes or difficult to reach areas. The nylon-diamond filling is ideal for brushing or polishing of extremely hard materials. The flexible filling material enables a rapid recovery from heavy use - the filaments flex rather, than break.

**Beware!**

The maximum **allowed** r.p.m. (revolutions per minute) is mostly uneven in respects to the **optimal** r.p.m. for your application.

You are welcome to contact us for the optimal speed.

Miniature wheel brush with shank

Fill material	Outer-Ø in mm	Shaft-Ø in mm	Item no.	max. rpm	Qty
nylon-diamond, grid 400	17	2.34	501.817	25,000	2
nylon-diamond, grid 400	22	2.34	501.823	25,000	2
bessemer steel wire 0.10	16	3.18	501.416	25,000	12
bessemer steel wire 0.10	22	3.18	501.422	25,000	12
bessemer steel wire 0.10	32	3.18	501.432	15,000	12
stainless steel wire 0.10	16	3.18	501.316	25,000	12
stainless steel wire 0.10	22	3.18	501.322	25,000	12
brass wire 0.10	16	3.18	501.516	25,000	12
brass wire 0.10	22	3.18	501.522	25,000	12
goat hair/ china bristle	16	3.18	501.916	25,000	12
goat hair/ china bristle	22	3.18	501.922	25,000	12

Fill material	Outer-Ø in mm	Shaft-Ø in mm	Item no.	max. rpm	Qty
nylon-diamond, grid 400	10	2.34	600.781 0008	20,000	2
bessemer steel wire 0.10	18	2.34	600.641 0013	20,000	12
stainless steel wire 0.10	18	3.18	600.641 0003	20,000	12
stainless steel wire 0.10	18	2.34	600.631 0013	20,000	12
stainless steel wire 0.10	18	3.18	600.631 0003	20,000	12
brass wire 0.10	18	2.34	600.651 0013	20,000	12
brass wire 0.10	18	3.18	600.651 0003	20,000	12
goat hair / china bristle	18	2.34	600.691 0013	20,000	12
goat hair / china borste	18	3.18	600.691 0003	20,000	12

Miniature cup brush with shank**Miniature end brush**

Fill material	Outer-Ø in mm	Shank-Ø in mm	Item no.	max. rpm	Qty
nylon-diamond, grid 400	5	2.34	509.004 0008	5,000	2
bessemer steel wire 0.10	5	2.34	509.400 0013	5,000	12
bessemer steel wire 0.10	5	3.18	509.400 0003	5,000	12
stainless steel wire 0.10	5	2.34	509.300 0013	5,000	12
stainless steel wire 0.10	5	3.18	509.300 0003	5,000	12
brass wire 0.10	5	2.34	509.500 0013	5,000	12
brass wire 0.10	5	3.18	509.500 0003	5,000	12
goat hair / china bristle	5	2.34	509.900 0013	5,000	12
goat hair / china bristle	5	3.18	509.900 0003	5,000	12

HELITUF Internal Cleaning Brushes

Technical attributes: Helically fastened crimped high-capacity and performance wire. These brushes have special extensions - joined together, the total length (for added reach) of the brush can be as long as 225mm.

Application: HELITUF brushes are specially designed for thread cleaning, drill hole deburring, tube cleaning, brushing of edges or keyways - wether used manually or power driven.

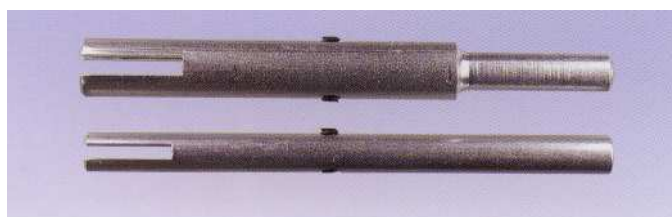


Dimensions in mm			Shaft Ø in mm	HL-Wire 0,13	HL-Wire 0,20	Stainless Steel 0.13	Stainless Steel 0.20	Qty
Ø	Eff.length	Total						
6	25	89	3.18	36.012		36.139		12
8	25	89	3.18	36.017				12
10	25	89	3.18	36.022	36.023	36.147	36.148	12
11	25	89	3.18	36.027		36.151		12
13	25	89	3.18	36.032	36.033	36.155	36.156	12
14	25	89	3.18	36.037				12
16	25	89	3.18	36.042	36.043	36.163	36.164	12
18	25	89	3.18	36.047				12
19	25	89	3.18	36.052	36.053		36.172	12
21	25	89	3.18	36.057				12
22	25	89	3.18	36.062	36.063	36.179		12
24	25	89	3.18	36.067				12
25	25	89	3.18	36.072	36.073	36.187	36.188	12
29	25	89	3.18	36.082				12
32	25	89	3.18		36.093		36.204	12

SITUFT Internal Cleaning Brushes

Application: Deburring of drill holes, especially suitable for cleaning drill holes and hard to reach interior areas.

Technical attributes: Wing - shaped fixated crimped high-quality wire. These brushes are especially produced for pneumatic and electro power tools. Even at very high speed (2,000 rpm) safety is guaranteed. With the appropriate holders, they can be easily and quickly adapted to various power machines.



Dimensions in mm			Shaft Ø in mm	Steel Wire 0.08	Steel Wire 0.13	Steel Wire 0.20	Stainless Steel Wire 0.13	Qty
Ø	Eff.length	Total						
6	14	54	2.38	35.021	35.023		35.181	12
8	14	54	2.38	35.031	35.032			12
10	14	54	2.38	35.041	35.042	35.043	35.189	12
11	14	54	2.38	35.051	35.052	35.053		12
13	14	54	2.38	35.061	35.062	35.063	35.197	12
14	16	54	3.18	35.081	35.082	35.083		12
16	16	54	3.18	35.086	35.087	35.088	35.205	12
18	16	54	3.18		35.092	35.093		12
19	16	54	3.18	35.096	35.097	35.098	35.213	12
21	16	57	3.18		35.102			12
22	16	57	3.18		35.107		35.221	12
25	16	57	3.18		35.117	35.118	35.229	12
27	16	57	3.18		35.122	35.123		12
29	16	57	3.18		35.127	35.128		12
30	16	57	3.18			35.133		12
32	16	57	3.18		35.137	35.138	35.245	12