

» High quality polishing brushes, shank ø 2.35 mm.
Maximum speed 15'000 RPM.



MSA	Type	Material	ø mm	Kg	MSA	Type	Material	ø mm	Kg
21.001	HP-112	White goat hair	21	0.003	21.007	HP-100	Chamois	"	0.003
21.002	HP-113	Grey goat hair	"	"	21.008	HP-103	Cotton yarn	"	0.003
21.003	HP-110	White bristle	"	"	21.008-17	HP-103	Cotton yarn	17	0.003
21.004	HP-111	Black bristle	"	"	21.008-A	HP-103	Double cotton yarn	23	0.003
21.005	HP-115	Brass wire	"	0.005	21.009	HP-101	Felt	"	"
21.006	HP-116	Steel wire	"	0.004	21.010	HP-102	Flannel	"	"



MSA	Type	Material	ø mm	Kg	MSA	Type	Material	ø mm	Kg
21.011	HP-102n	Calico mops	21	0.003	21.021	HP-105	White bristle	21	0.003
21.011-17	HP-102n	Calico	17	"	21.022	HP-106	Black bristle	"	"
21.012	HP-102n	White stitched mops	21	"	21.023	HP-106-B	Black bristle	"	"
21.013	HP-102n	Unbleached stitched mops	"	0.004	21.023-B	HP-106-B	Black bristle	"	"
21.014	HP-110ny	White nylon	23	0.003	21.026	HP-106	Pony bristle	"	"
21.020	HP-107	White goat hair	21	"	21.027	HP-114	Grey bristle	"	"
21.021	HP-108	Grey goat hair	"	"	21.027-A	HP-114	Grey bristle	23	"



MSA	Type	Material	ø mm	Kg	MSA	Type	Material	ø mm	Kg
21.051-17	MBH-12100	White goat	17	0.003	21.051-23	MBH-12400	White goat	23	0.003
21.051-19	MBH-12200	White goat	19	"	21.060-21	MBH-20301	Flannel	21	"
21.051-21	MBH-12300	White goat	21	"	21.061-21	MBH-22301	Unbleached cotton	21	"



MSA	Type	Shape	Material	Kg
21.024	HP-105m	Cup	Brass wire	0.004
21.025	HP-105s	"	Steel wire	"

Top quality polishing small brush, cup shaped, shank ø 2.35 mm. Wires length 7 mm.
Maximum speed 11,000 RPM.



MSA	Type	ø mm	Grit	Kg
21.035	103-SBF	25	Fine	0.003
21.036	103-SBM	"	Medium	"
21.037	103-SBGG	"	Coarse	"

Scotch Brite polishing small brush, shank ø 2.35 mm.
Maximum speed 15,000 RPM.



MSA	Type	Shape	Material	Kg
21.030	HP-104c	Pencil	White goat hair	0.002
21.031	HP-104a	"	White bristle	"
21.032	HP-104b	"	Black bristle	"
21.033	HP-104m	"	Brass wire	0.003
21.034	HP-104s	"	Steel wire	"

Top quality polishing small brush, pencil shaped, shank ø 2.35 mm. Wires length 10 mm.
Maximum speed 11,000 RPM.



MSA	Type	Shape	Material	Kg
21.416	CFFB	30	Fine	0.003
21.417	CFFB	30	Very fine	"

Oxide aluminium satin finish brush, shank ø 2.35 mm.
Maximum speed 15'000 RPM.

» High quality felt polishing brushes, shank \varnothing 2.35 mm.
Maximum speed 5'000 RPM.

ASSORTMENT



MSA 21.040 MSA 21.041 MSA 21.041-C MSA 21.042 MSA 21.043 MSA 21.043-L MSA 21.045 MSA 21.046 MSA 21.046-17

MSA	Type	Shape	\varnothing mm	Kg
21.040	HP-55	Flame	10.30	0.002
21.041	HP-56	Round	"	0.001
21.041-C	RA-56	Round	"	0.001
21.042	HP-57	Large point	8.00	0.002
21.043	HP-58	Fine point	6.50	"

MSA	Type	Shape	\varnothing mm	Kg
21.043-L	HP-58L	Long fine point	6.50	0.002
21.045	HP-60	Knife edged	21	"
21.046	HP-61	Plate	"	"
21.046-17	HP-61	Plate	17	0.003



MSA	Size mm	Kg
21.100	145 x 93 x 80	0.287

Assortment of 24 polishing small brushes, shank \varnothing 2.35 mm.
Delivered on plastic stand with transparent lid.

Contents :

MSA	Type	MSA	Type
21.001	HP-112	21.023-B	HP-106b
21.003	HP-110	21.026	HP-109
21.004	HP-111	21.027	HP-114
21.005	HP-115	21.030	HP-104c
21.006	HP-116	21.031	HP-104a
21.008	HP-103	21.032	HP-104b
21.009	HP-101	21.040	HP-55
21.010	HP-102	21.041	HP-56
21.011	HP-102n	21.042	HP-57
21.020	HP-107	21.043	HP-58
21.022	HP-105	21.045	HP-60
21.023	HP-106	21.046-17	HP-61/17

Replacement part :

MSA	Item
21.100-A	Plastic box only for set of 24 brushes



MSA 21.047-D MSA 21.047-T MSA 21.048-D MSA 21.048-T

MSA	Type	Shape	Dureté	\varnothing mm	Kg
21.047-D	HP-59	Thin wheel	Hard	21	0.003
21.047-T	HP-59	Thin wheel	Soft	"	"
21.048-D	HP-59	Thick wheel	Hard	"	"
21.048-T	HP-59	Thick wheel	Soft	"	"



MSA	Type	Shape	Height mm	ø mm	Kg
21.490	50	Cone	20	10	0.001
21.491	"	"	25	15	0.002
21.492	"	"	30	15	"
21.493	"	"	35	15	0.003
21.494	"	"	35	20	0.005
21.495	"	"	40	20	0.004
21.496	"	"	50	20	0.007
21.497	"	"	45	25	0.009
21.498	"	"	50	25	0.012
21.499	"	"	60	30	"

Top quality polishing felt.



MSA	Type	Shape	ø mm	Height mm	Kg
21.500	52	Wheel knife edged	30	10	0.003
21.501	"	"	40	10	0.004
21.502	"	"	50	10	0.006
21.503	"	"	60	10	0.011

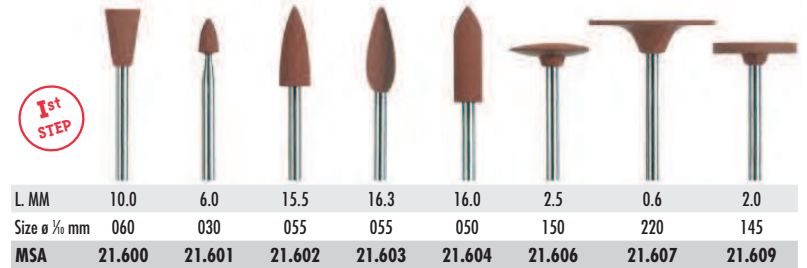
Top quality polishing felt.



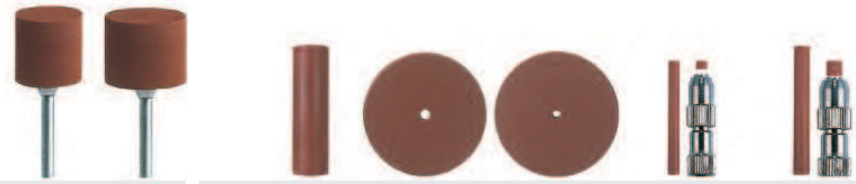
MSA	Type	Shape	ø mm	Height mm	Kg
21.510	51	Roue	25	4	0.001
21.511	"	"	30	10	0.003
21.512	"	"	40	10	0.007
21.513	"	"	50	10	0.012
21.514	"	"	60	10	0.017

Top quality polishing felt.

» Rubber polishers for pre-polishing of gold, precious and semi-precious alloys.
Shank ø 2.35 mm. Maximum speed 20,000 RPM.



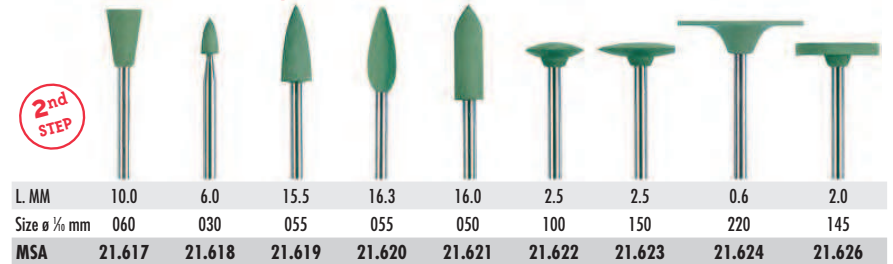
L. MM	10.0	6.0	15.5	16.3	16.0	2.5	0.6	2.0
Size ø 1/16 mm	060	030	055	055	050	150	220	145
MSA	21.600	21.601	21.602	21.603	21.604	21.606	21.607	21.609



L. MM	12.0	12.0	L. MM	22.0	1.0	3.0	20.0	22.0
Size ø 1/16 mm	120	140	Size ø 1/16 mm	060	220	220	020	030
MSA	21.610	21.611	MSA	21.612	21.613	21.614	21.615*	21.616*

*References delivered without mandrel (voir mandrels page 21 11).

» Rubber polishers for high-gloss polishing of gold, precious and semi-precious alloys.
Shank ø 2.35 mm. Maximum speed 10,000 RPM.



L. MM	10.0	6.0	15.5	16.3	16.0	2.5	2.5	0.6	2.0
Size ø 1/16 mm	060	030	055	055	050	100	150	220	145
MSA	21.617	21.618	21.619	21.620	21.621	21.622	21.623	21.624	21.626




L. MM	12.0	12.0	L. MM <td>22.0</td> <td>1.0</td> <td>3.0</td> <td>20.0</td> <td>22.0</td>	22.0	1.0	3.0	20.0	22.0
Size ø 1/16 mm	120	140	Size ø 1/16 mm	060	220	220	020	030
MSA	21.627	21.628	MSA	21.629	21.630	21.631	21.632*	21.633*

*References delivered without mandrel (voir mandrels page 21 11).

» Rubber polishers for ultra high-shine polishing of gold, precious and semi-precious alloys. Shank ø 2.35 mm. Maximum speed 10,000 RPM.


3rd STEP



L. MM	16.0	2.5	2.0
Size ø 1/16 mm	050	150	145
MSA	21.634	21.635	21.636


» Silicon black universal polishers, suitable for precious metals and all alloys, chrome-cobalt and titanium. Maximum speed 20,000 RPM (1st step, coarse grain) and 10,000 RPM (2nd step, fine grain).

1st STEP




L. MM	21.0	23.0	3.0	3.0	3.0
Size ø 1/16 mm	070	060	220	170	220
MSA	21.637	21.638	21.639	21.640	21.641

2nd STEP



L. MM	16.3	2.5	3.0	3.0
Size ø 1/16 mm	055	150	170	220
MSA	21.642	21.644	21.645	21.646


» Silicon polishing wheel suitable for precious metals, chrome-cobalt and titanium. Maximum speed 20'000 RPM.



L. MM	3.0
Size ø 1/16 mm	220
MSA	21.599

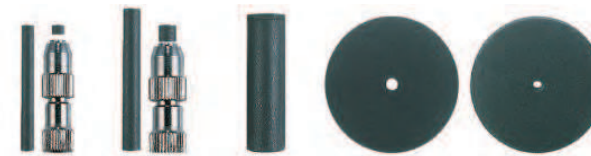
» Diamond polishing wheel suitable for titanium and platinum. Maximum speed 5'000 RPM.

1st STEP



L. MM	2.0	L. MM	2.0
Size ø 1/16 mm	250	Size ø 1/16 mm	250
MSA	21.802	MSA	21.801

» Flexible polishers for removing scratches and smoothing the chrome-cobalt surfaces. Maximum speed 20,000 RPM.




L. MM	20.0	22.0	22.0	1.0	3.0
Size ø 1/16 mm	020	030	060	220	220
MSA	21.647*	21.648*	21.649	21.650	21.651

*References delivered without mandrel (voir mandrels page 21 11).

» Flexible polishers suitable for glazing precious stones and platinum. Shank ø 2.35 mm. Maximum speed 10'000 RPM.

2nd STEP




L. MM	16.0	3.0
Size ø 1/16 mm	050	220
MSA	21.670	21.750

» Flexible polishers for gem stones and platinum ; provides a lustre high-gloss finishing.
Shank ø 2.35 mm. Maximum speed 5,000 RPM.




L. MM	15.5	16.0	2.5	3.0	3.0	2.0
Size ø 1/16 mm	055	050	150	220	220	145
MSA	21.652	21.653	21.654	21.655	21.656	21.657

» Separating discs of synthetic resin with extra fine grain.
Speed 15,000-20,000 RPM.




L. MM	0.20	0.25	0.30	0.60
Size ø 1/10 mm	220	220	220	250
MSA	21.667	21.668	21.669	21.671

» Abrasive diamond polishing wheel suitable for precise machining of precious materials.
Maximum speed 15,000 - 20'000 RPM.



L. MM	1.5
Size ø 1/16 mm	220
MSA	21.800

» Stainless steel mandrels for polishers and discs.



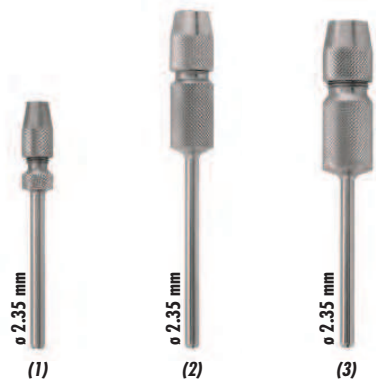
L. MM	22.0	22.0	3.0	13.0	3.0	3.0	3.0
Size ø 1/16 mm	020	030	050	050	050	140	080
MSA	21.659	21.660	21.661	21.662	21.663	21.664	21.665



MSA	Length mm
21.666	116

Diamond grinding stone for dressing, shaping and restoring of deformed silicon and stones polishers ; all sides coated.

» Polishing pins.



MSA	Use
21.700	For sticks \varnothing 1.5 MSA 21.700-1x (1)
21.701	For sticks \varnothing 2.0 MSA 21.701-2x
21.702	For sticks \varnothing 2.5 MSA 21.702-2.5x
21.703	For sticks \varnothing 3.0 MSA 21.703-3x
21.704	For sticks \varnothing 4.0 MSA 21.704-4x (2)
21.705	For sticks \varnothing 5.0 MSA 21.705-5x (3)
21.706	For sticks \varnothing 6.0 MSA 21.706-6x

\varnothing 1.5 mm
L. 15 mm

Grit	X-Coarse	Coarse	Medium	Fine	X-Fine
MSA	21.700-1A	21.700-1B	21.700-1C	21.700-1D	21.700-1E

\varnothing 2.0 mm
L. 20 mm

Grit	X-Coarse	Coarse	Medium	Fine	X-Fine
MSA	21.701-2A	21.701-2B	21.701-2C	21.701-2D	21.701-2E

\varnothing 2.5 mm
L. 20 mm

Grit	X-Coarse	Coarse	Medium	Fine	X-Fine
MSA	21.702-25A	21.702-25B	21.702-25C	21.702-25D	21.702-25E

\varnothing 3.0 mm
L. 23 mm

Grit	X-Coarse	Coarse	Medium	Fine	X-Fine
MSA	21.703-3A	21.703-3B	21.703-3C	21.703-3D	21.703-3E

\varnothing 4.0 mm
L. 26 mm

Grit	X-Coarse	Coarse	Medium	Fine	X-Fine
MSA	21.704-4A	21.704-4B	21.704-4C	21.704-4D	21.704-4E

\varnothing 5.0 mm
L. 28 mm

Grit	X-Coarse	Coarse	Medium	Fine	X-Fine
MSA	21.705-5A	21.705-5B	21.705-5C	21.705-5D	21.705-5E

\varnothing 6.0 mm
L. 22 mm

Grit	X-Coarse	Coarse	Medium	Fine	X-Fine
MSA	21.706-6A	21.706-6B	21.706-6C	21.706-6D	21.706-6E

» Polishing hand brushes.



MSA	Material	Hardness	Rows	Size mm	Kg
21.200	Black bristle	Medium	3	225 x 16 x 10	0.027
21.201	"	Hard	4	260 x 16 x 8	0.035

Polishing hand brush with wooden handle.



MSA	Material	Hardness	Rows	Size mm	Kg
21.210	White bristle	N° 0 very hard	4	260 x 16 x 8	0.033
21.211	"	N° 1 hard	"	"	0.032
21.215	"	N° 2 medium	"	"	0.034
21.212	"	N° 3 fine	"	"	0.036
21.213	"	N° 4 extra fine	"	"	0.035

Polishing hand brush with wooden handle.



MSA	Material	Rows	Size mm	Kg
21.216	Nylon wire \varnothing 0.20 mm	4	260 x 16 x 8	0.034

Polishing hand brush with wooden handle.



MSA	Material	Hardness	Rows	Size mm	Kg
21.217	Chung-King	Soft	4	190 x 18 x 8	0.032
21.218	Perlon \varnothing 0.40 mm	Hard	"	"	0.031

Polishing hand brush with Plexiglas handle.



MSA	Material	Rows	Size mm	Kg
21.251	Brass wire \varnothing 0.10 mm	4	220 x 18 x 9	0.038

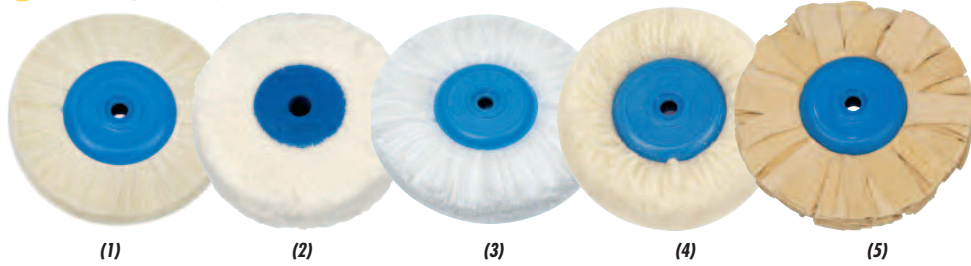
Polishing hand brush with wooden handle.



MSA	Material	Size mm	Kg
21.260	Steel wire	240 x 28 x 20	0.054

Special brush for files cleaning. Wooden handle.

» Circular polishing brushes.



MSA	Type	Material	ø exterior mm	Kg
21.310	32P/90	Goat hair (1)	90	0.040
21.340	2/70P	Cotton (2)	70	0.043
21.341	3/80P	"	80	0.068
21.342	4/90P	"	90	0.070
21.343	5/100P	"	100	0.090
21.350	20/80	Cotton yarn (3)	80	0.038
21.351	20/90	"	90	0.035

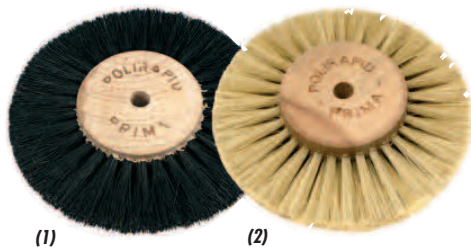
MSA	Type	Material	ø exterior mm	Kg
21.355	20W/80	Wool (4)	80	0.032
21.356	20W/90	"	90	0.033
21.360	21/80	Chamois leather (5)	80	0.032
21.361	21/90	"	90	0.034
21.362	21/100	"	100	0.038

Top quality polishing brush, with plastic hub.



MSA	Type	Material	ø exterior mm	Kg
21.306	32/90	Goat hair	90	0.040

Top quality polishing brush, with wooden hub.



MSA	Type	Material	ø exterior mm	Rows	Kg
21.323	3/40/80	Black bristle (1)	80	3	0.035
21.324	4/40/80	"	80	4	0.040
21.325	5/45/90	"	90	5	0.055
21.330	3/40/80	White bristle (2)	80	3	0.030
21.331	4/40/80	"	80	4	0.034
21.332	5/45/90	"	90	5	0.048

PRIMA top quality polishing brush, stiff. Wooden hub and converging rows.



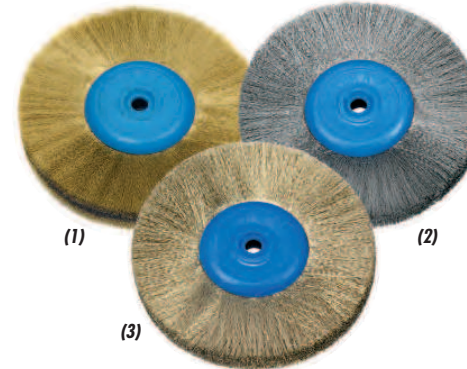
MSA	Type	Material	ø exterior mm	Rows	Kg
21.320	3/40/80	Black bristle	80	3	0.032
21.321	4/40/80	"	80	4	0.037
21.322	5/45/90	"	90	5	0.036

SUPREMA top quality polishing brush, extra hard. Wooden hub and converging rows.



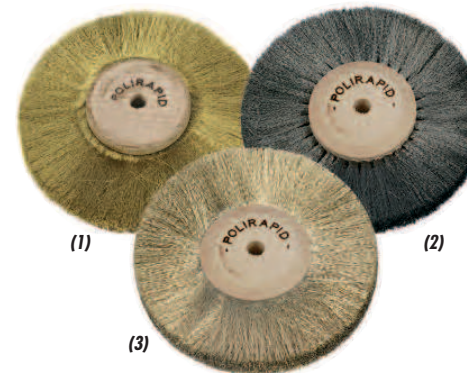
MSA	Type	Material	ø exterior mm	Rows	Kg
21.326	3/40/80	Black bristle	80	3	0.030
21.327	4/40/80	"	80	4	0.036
21.328	5/40/80	"	80	5	0.034

LABOR top quality polishing brush, hard. Wooden hub and converging rows.



MSA	Type	Material	ø ext. mm	ø wire mm	Kg
21.370	22P/08/090	Brass wire (1)	90	0.08	0.136
21.371	22P/08/100	"	100	"	0.124
21.372	22P/10/090	"	90	0.10	0.110
21.373	22P/10/100	"	100	"	0.134
21.380	25P/08/090	Steel wire (2)	90	0.08	0.090
21.381	25P/10/090	"	90	0.10	0.103
21.382	25P/10/100	"	100	"	0.100
21.390	23P/08/090	German (3) silver wire	90	0.08	0.143
21.391	23P/08/100	"	100	"	"
21.392	23P/10/100	"	100	0.10	"

Top quality polishing brush. Plastic hub.



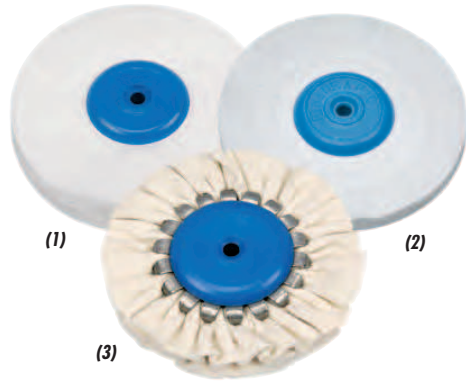
MSA	Type	Material	ø ext. mm	ø wire mm	Kg
21.370-B	22/08/090	Brass wire (1)	90	0.08	0.104
21.371-B	22/08/100	"	100	"	0.125
21.372-B	22/10/090	"	90	0.10	0.110
21.373-B	22/10/100	"	100	"	0.134
21.380-B	25/08/090	Steel wire (2)	90	0.08	0.090
21.381-B	25/10/090	"	90	0.10	0.100
21.382-B	25/10/100	"	100	"	0.090
21.390-B	23/08/090	German (3) silver wire	90	0.08	0.143
21.391-B	23/08/100	"	100	"	0.145
21.392-B	23/10/100	"	100	0.10	0.143

Top quality polishing brush. Wooden hub.



MSA	Type	Material	ø ext. mm	ø wire mm	Kg
21.319	Chung-King	Black bristle	80	4	0.040

Top quality polishing brush, hard. Wooden hub and converging rows.



MSA	Type	Material	Size mm	Kg
21.420	29P/100/9	Calico (1)	ø 100 x 9	0.052
21.421	29P/100/12	"	ø 100 x 12	0.064
21.430	29c/100/6	Stitched calico (2)	ø 100 x 6	0.040
21.431	29c/100/9	"	ø 100 x 9	0.042
21.440	29e/80/6	Folded calico (3)	ø 80 x 6	0.045
21.441	29e/100/6	"	ø 100 x 6	0.042

Top quality polishing disc, plastic hub.



MSA	Type	Material	Dim. mm	Kg
21.422	29/100/18	Calico (1)	ø 100 x 18	0.092
21.423	29/100/24	"	ø 100 x 24	0.133
21.424	29/125/30	"	ø 125 x 30	0.230
21.425	29/125/24	"	ø 125 x 24	0.190
21.450	30/100/6	Flannel (2)	ø 100 x 6	0.025
21.451	30/100/9	"	ø 100 x 9	0.030
21.452	30/100/12	"	ø 100 x 12	0.035
21.460	30c/100/6	"	ø 100 x 6	"
21.461	30c/100/9	"	ø 100 x 9	0.028

Top quality polishing disc, leather hub.



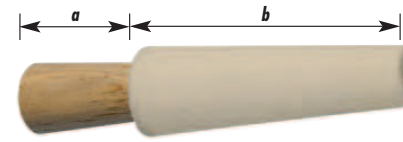
MSA	Type	Material	ø ext. mm	Ply	Kg
21.470	21a/85	Chamois leather (1)	85	-	0.018
21.471	21a/90	"	90	-	0.016
21.480	27/4/90	Felt (2)	90	4	0.026
21.481	27/4/100	"	100	4	0.027
21.482	27/6/90	"	90	6	0.036
21.483	27/6/100	"	100	6	0.040

Top quality polishing disc. Plastic hub.



MSA	Type	Material	ø ext. mm	Rows	Kg
21.301	4/40/80L	Bristle /calico	80	4	0.044

Top quality polishing mixed brush. Plastic hub and converging rows.



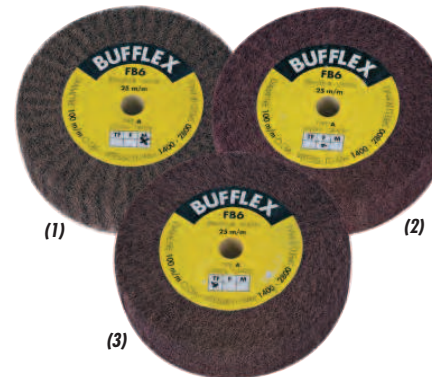
MSA	Type	Material	Length mm	Kg
21.410	53	Cotton yarn	160 (a : 50 ; b : 110)	0.030
21.411	53f	Felt (jct.)	120 (a : 40 ; b : 80)	0.020
21.412	53m	Brass wire	165 (a : 55 ; b : 110)	0.039

Top quality ring buff, conical shape. Wooden handle.



MSA	Type	Grit	Size mm	Kg
21.052-120	0839.9170	120	ø 80 x 30	0.122
21.052-180	0028.9170	180	ø 80 x 30	0.119

SIAMOP leaves wheel on shank ø 6 mm.



MSA	Type	Grit	Dim. mm	Kg
21.413	2170001	Medium (1)	ø 100 x 25	0.102
21.414	2170002	Fine (2)	ø 100 x 25	0.104
21.415	2170003	Extra fine (3)	ø 100 x 25	0.098

BUFFLEX® FB6 satin finish brush. Used without compound. Fast and easy to clean with water or air pressure. Regular erosion. Central hole ø 6 mm.



MSA	Type	Grit	Size mm	Kg	Use
21.070	SC46MP	Coarse	ø 100 x 20	0.185	Satin finish. Produces a pronounced surface effect.
21.071	SC46WP	Medium	"	0.120	Finer satin finish than MSA 21.070.
21.072	SC80MWP	Fine	"	"	Fine satin finish, erase scratches on cases and bands.
21.073	SC150WP	Very fine	"	0.173	Very fine satin finish, erase light scratches. Possible to polish and buff after a felt polish.
21.074	SC250MWP	Extra fine	"	0.170	Extra fine satin finish. Possibility to directly polish just after this operation.
21.075	SC80VAP	Fine	"	0.169	Silky satin finish.
21.076	SC150VAP	Very fine	"	0.167	Very Silky satin finish (more than MSA 21.075).

ARTIFEX soft Silicon Carbide wheel to polish or satin all sorts of metal.
 Delivered with a removable hole diameter reducer ø 6 mm.

