

Hand Brushes



Hand Brushes

Hand Brushes are used everywhere, in the metal industry, construction work, in the workshop. They are found in every tool box. The complete range contains all types of filling materials, from coarse steel to the finest brass wire. The handles are made of beech wood with two hanging holes.



LESSMANN Handbrushes are of superb quality and yet are economic due to a fully automated and efficient production facility. Using modern marking systems individual printing of brands and EAN Bar Codes can be made. This is done by turning stamps or tampon printing at low cost.

Rivet Brushes

The V shaped filling material enables the removal of slag and scale from normally hard to reach welds and fillet welds

Hand Brushes with Scraper

For painters and bricklayers in the construction industry. These brushes are ideal for scraping off dirt or cement splashes.

Hand Brushes, Heavy Duty

These models have a larger wooden handle and a longer and dense wire filling than our standard models.

Universal Wire Brushes

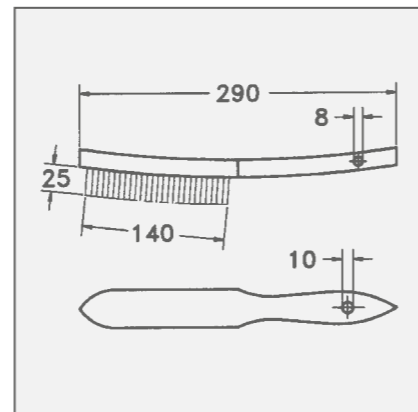
For many uses, especially in the Do It Yourself section.

Stainless Steel Brushes

Information on brushing on stainless materials you will find at www.lessmann.com

Hand Brushes with Two-Components Handles

apply to other requirements of modern high quality tools with best ergonomics.



All standard hand brushes have a bar code stamp and LESSMANN-imprint.



We are accredited!

Hand Brushes Standard



IIIIII
EAN

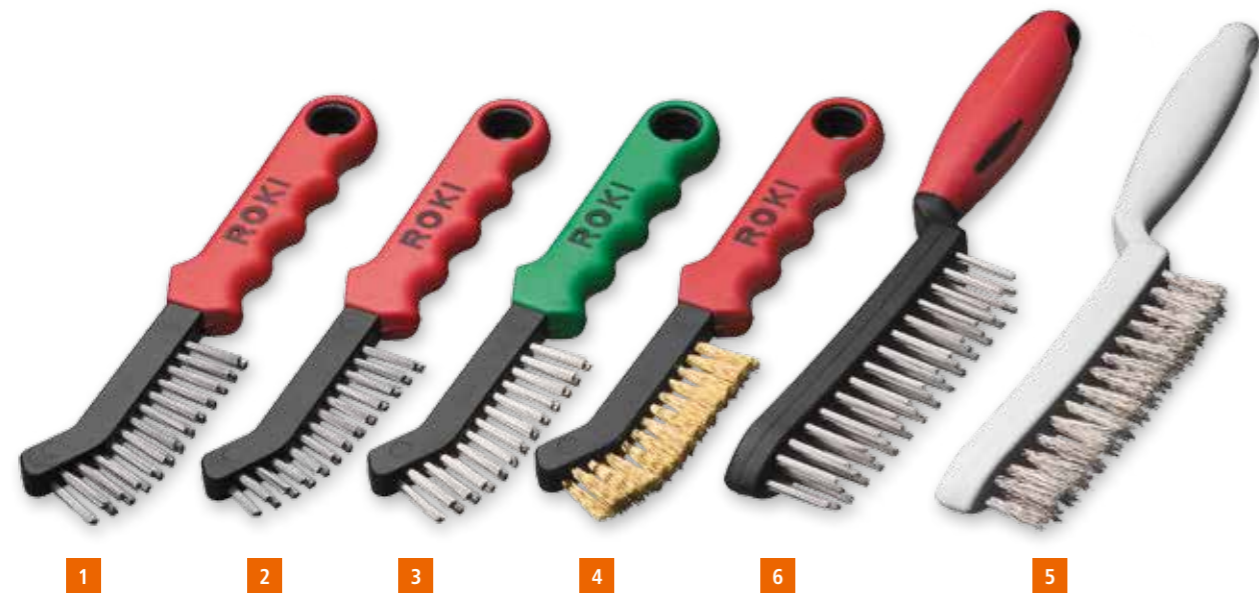
Hand Brushes								
	Rows >	1	2	3	4	5	6	
Filling	Pack.	Art.-No.	Art.-No.	Art.-No.	Art.-No.	Art.-No.	Art.-No.	
1	STA straight 0.35 0.014"	12	100.011	100.021	100.031	100.041	100.051	100.061
	STA straight 0.35 0.014"	100		100.020	100.030	100.040	100.050	
	STM crimped 0.30 0.012"	12		105.421	105.431	105.441	105.451	105.461
	STA crimped 0.20 0.008"	12			102.431	102.441		
2	STA crimped 0.30 0.012"	12	102.611	102.621	102.631	102.641	102.651	102.661
	ROF crimped 0.15 0.006"	12		104.321	104.331	104.341	104.351	
	ROF crimped 0.20 0.008"	12		104.421	104.431	104.441	104.451	
	ROF crimped 0.35 0.012"	12	104.611	104.621	104.631	104.641	104.651	104.661
	ROF straight 0.35 0.012"	12	103.711	103.721	103.731	103.741	103.751	103.761
	RO8 straight 0.30 0.012"	12		105.721	105.731	105.741		
3	MES crimped 0.15 0.006"	12		107.321	107.331	107.341	107.351	
	MES crimped 0.25 0.010"	12	<i>107.411</i>	107.421	107.431	107.441	107.451	107.461
	MES crimped 0.35 0.014"	12	<i>107.611</i>	107.621	107.631	107.641	107.651	107.661
	MES straight 0.35 0.014"	12		106.621	106.631	106.641	106.651	
4	BRO crimped 0.20 0.008"	12			<i>108.331</i>	108.341	108.351	
	PA straight 0.40 0.016"	12			109.431	109.441	109.451	
4	FIB	12				109.741		

Other filling materials and trim length on request.

Item Nos. in bold are available ex stock. Consider our minimum order value for *italic printed* article numbers (see page 139).

STA = steel wire	MES = brass wire
STM = brass coated steel	BRO = bronze wire
ROF = stainless steel wire	PA = polyamide
RO8 = stainless steel wire, extremely heat resistant	FIB = fibre
	ROS = horse hair

Special Hand Brushes



Special Hand Brushes



Special Hand Brushes

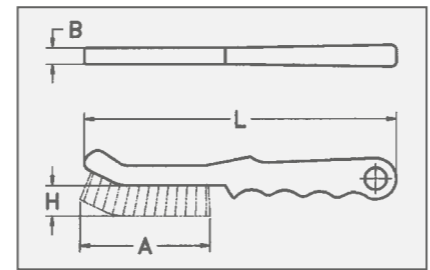
	Filling	Rows	L	B	A	H	Pack.	Art.-No.
Brake Caliper Brushes with Two-Components Handles								
			mm inch	mm inch	mm inch	mm inch		
1	STA straight 0.35 0.014"	2 x 13	225 9	12 1/2	90 3 1/2	22 7/8	10	182.401
	STA crimped 0.30 0.012"	2 x 13	225 9	12 1/2	90 3 1/2	22 7/8	10	182.411
2	STA straight 0.35 0.014"	2 x 12/13	225 9	12 1/2	90 3 1/2	12/18 1/2/5/8	10	182.431*
3	ROF straight 0.35 0.014"	2 x 13	225 9	12 1/2	90 3 1/2	22 7/8	10	182.421
4	MES crimped 0.25 0.010"	2 x 13	225 9	12 1/2	90 3 1/2	22 7/8	10	182.451

	Filling	Rows	L	B	A	H	Pack.	Art.-No.
Hand Brushes with Plastic Handles								
			mm inch	mm inch	mm inch	mm inch		
5	STA straight 0.35 0.014"	2	285 11 1/4	20 3/4	130 5 1/8	25 1	10	185.121
	STA straight 0.35 0.014"	3	285 11 1/4	26 1	130 5 1/8	25 1	10	185.131
	STA straight 0.35 0.014"	4	285 11 1/4	31 1 1/4	130 5 1/8	25 1	10	185.141
	STA straight 0.35 0.014"	5	285 11 1/4	31 1 1/4	130 5 1/8	25 1	10	185.151
	ROF crimped 0.35 0.014"	2	285 11 1/4	20 3/4	130 5 1/8	25 1	10	185.421
	ROF crimped 0.35 0.014"	3	285 11 1/4	26 1	130 5 1/8	25 1	10	185.431
	ROF crimped 0.35 0.014"	4	285 11 1/4	31 1 1/4	130 5 1/8	25 1	10	185.441
	ROF crimped 0.35 0.014"	5	285 11 1/4	31 1 1/4	136 5 1/8	25 1	10	185.451
	MES straight 0.35 0.014"	2	285 11 1/4	20 3/4	130 5 1/8	25 1	10	185.621
	MES straight 0.35 0.014"	3	285 11 1/4	26 1	130 5 1/8	25 1	10	185.631
	MES straight 0.35 0.014"	4	285 11 1/4	31 1 1/4	130 5 1/8	25 1	10	185.641
	MES straight 0.35 0.014"	5	285 11 1/4	31 1 1/4	130 5 1/8	25 1	10	<i>185.651</i>

	Filling	Rows	L	B	A	H	Pack.	Art.-No.
6	ROF straight 0.35 0.014"	3	285 11 1/4	26 1	130 5 1/8	25 1	10	186.431

* Special hand brushes, pointed | For the food industry

Brushes for the food industry
These brushes comply to the hygiene charter of the FEIBP (European Brushware Federation) and are accredited in the food industry.



Special Hand Brushes

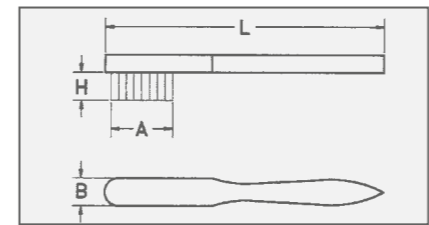
	Filling	Rows	L	B	A	H	Pack.	Art.-No.
1 Rivet Brushes								
			mm inch	mm inch	mm inch	mm inch		
1	STA straight 0.35 0.014"	3 x 15	290 11 3/8	35 1 1/2	135 5 3/8	35 1 1/2	12	120.801
	ROF straight 0.35 0.014"	3 x 15	290 11 3/8	35 1 1/2	135 5 3/8	35 1 1/2	12	120.811
	RO8 straight 0.30 0.012"	3 x 15	290 11 3/8	35 1 1/2	135 5 3/8	35 1 1/2	12	120.831
	ROF straight 0.35 0.014" with Plastic Handles	3 x 15	290 11 3/8	31 1 1/4	135 5 3/8	35 1 1/2	12	120.811

	Filling	Rows	L	B	A	H	Pack.	Art.-No.
2 Hand Brushes with Scraper								
			mm inch	mm inch	mm inch	mm inch		
2	STA straight 0.35 0.014"	4 x 15	290 11 3/8	33 1 1/4	130 5 1/8	25 1	12	120.401
	STA straight 0.35 0.014"	6 x 15	290 11 3/8	45 2	130 5 1/8	25 1	12	<i>120.601</i>
	ROF straight 0.35 0.014"	4 x 15	290 11 3/8	33 1 1/4	130 5 1/8	25 1	12	<i>120.412</i>

	Filling	Rows	L	B	A	H	Pack.	Art.-No.
3 Hand Brushes Heavy Duty								
			mm inch	mm inch	mm inch	mm inch		
3	STA straight 0.35 0.014"	2 x 16	290 11 3/8	30 1 1/4	150 6	32 1 1/4	12	136.101
	STA straight 0.35 0.014"	3 x 16	290 11 3/8	35 1 1/2	150 6	32 1 1/4	12	136.102
	STA straight 0.35 0.014"	4 x 16	290 11 3/8	40 1 3/8	150 6	32 1 1/4	12	136.103

	Filling	Rows	L	B	A	H	Pack.	Art.-No.
Hand Brushes Export Model								
			mm inch	mm inch	mm inch	mm inch		
4	STA straight 0.35 0.014"	4 x 17	300 12	30 1 1/4	130 5 1/8	25 1	12	122.401
5	STA straight 0.35 0.014"	4 x 19	350 14	30 1 1/4	160 6 3/8	30 1 1/4	6	122.801
6	BRO straight 0.30 0.012"	4 x 19	350 14	30 1 1/4	150 6	30 1 1/4	6	122.821

	Filling	Rows	L	B	A	H	Pack.	Art.-No.
7 Universal Wire Brushes								
			mm inch	mm inch	mm inch	mm inch		
	STM crimped 0.30 0.012"	1	260 10 1/4	10 3/8	135 5 3/8	28 1	24	056.001
	STA crimped 0.35 0.014"	1	260 10 1/4	10 3/8	135 5 3/8	28 1	24	056.301
	ROF crimped 0.30 0.012"	1	260 10 1/4	10 3/8	135 5 3/8	28 1	24	056.501
	MES crimped 0.30 0.012"	1	260 10 1/4	10 3/8	135 5 3/8	28 1	24	056.701



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- STA = steel wire
- STM = brass coated steel
- ROF = stainless steel wire
- RO8 = stainless steel wire, extremely heat resistant
- MES = brass wire
- BRO = bronze wire

Spark Plug Brushes



Standard Spark Plug Brushes

	Filling	Rows	L mm inch	B mm inch	A mm inch	H mm inch	Pack.	Art.-No.
1	MES crimped 0.15 0.006"	3 x 5/6	150 6	15 5/8	40 1 3/8	15 5/8	12	125.211
2	BRO crimped 0.15 0.006"	3 x 5/6	200 8	15 5/8	40 1 3/8	15 5/8	12	132.801
3	STA crimped 0.15 0.006"	3 x 5/6	150 6	15 5/8	40 1 3/8	15 5/8	12	125.201
4	MES crimped 0.15 0.006"	2 x 4	100 4	12 1/2	22 7/8	12 1/2	12	182.001**
5	MES crimped 0.15 0.006" / PP	5 x 8/10	190 1 1/2	24 1	55 2 1/4	12 1/2	12	125.521
6	MES crimped 0.15 0.006"	4 x 6	155 6	22 7/8	40 1 3/8	18 3/4	12	182.331**
7	ROF crimped 0.10 0.004"	3 x 7/8	150 6	15 5/8	39 1 3/8	8	12	125.234

Small Spark Plug Brushes

3	MES crimped 0.15 0.006"	2 x 5	100 4	15 5/8	25 1	15 5/8	12	125.111
4	MES crimped 0.15 0.006"	2 x 4	100 4	12 1/2	22 7/8	12 1/2	12	182.001**

Large Spark Plug Brushes

5	MES crimped 0.15 0.006" / PP	5 x 8/10	190 1 1/2	24 1	55 2 1/4	12 1/2	12	125.521
6	MES crimped 0.15 0.006"	4 x 6	155 6	22 7/8	40 1 3/8	18 3/4	12	182.331**

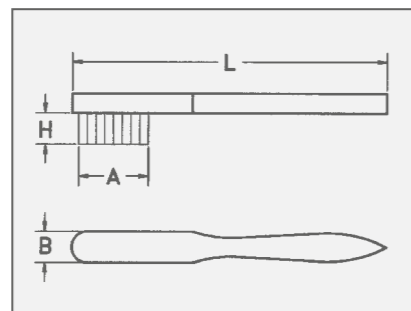
Soldering tip brush, extra dense filament, wooden handle orange coated

7	ROF crimped 0.10 0.004"	3 x 7/8	150 6	15 5/8	39 1 3/8	8	12	125.234
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* Wooden body varnished | ** Plastic body

Spark Plug Brushes

These small brushes are for all fine brushwork requiring thin wire. They are available in different sizes and filling materials. The models 182.001 and 182.331 have plastic bodies, the other models have a beech wood body. The body of 125.311 is varnished.



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STA	= steel wire
ROF	= stainless steel wire
MES	= brass wire
BRO	= bronze wire
PA	= polyamide
ROS	= horse hair

Fine Scratch Brushes



Fine Scratch Brushes

	Filling	Rows	L mm inch	B mm inch	A mm inch	H mm inch	Pack.	Art.-No.
1	MES crimped 0.15 0.006"	3	225 9	16 5/8	110 4 3/8	20 3/4	12	126.311
2	STA crimped 0.15 0.006"	4	225 9	20 3/4	110 4 3/8	20 3/4	12	126.411
3	PA straight 0.30 0.012"	4	225 9	20 3/4	110 4 3/8	20 3/4	12	126.451
4	MES crimped 0.15 0.006"	4	225 9	20 3/4	110 4 3/8	20 3/4	12	126.472
5	MES crimped 0.35 0.014"	4 x 11/12	350 14	22 7/8	80 3	10 3/8	12	137.701
6	MES crimped 0.30 0.012"	5 x 9	700 27 1/2	25 1	54 2 1/4	6 1/4	12	138.704
7	MES crimped 0.30 0.012"	4 x 11/12	450 17 3/4	22 7/8	80 3	8 5/16	12	138.705
8	MES crimped 0.25 0.010"	2 x 10	200 8	15 5/8	80 3	19 3/4	12	132.701
9	ROF crimped 0.15 0.006"	4	225 9	20 3/4	110 4 3/8	20 3/4	12	126.481
1	MES crimped 0.15 0.006"	4	225 9	20 3/4	110 4 3/8	20 3/4	12	126.441
2	STA crimped 0.15 0.006"	4	225 9	20 3/4	110 4 3/8	20 3/4	12	126.401
3	PA straight 0.30 0.012"	4	225 9	20 3/4	110 4 3/8	20 3/4	12	126.451
4	MES crimped 0.15 0.006"	4	225 9	20 3/4	110 4 3/8	20 3/4	12	126.472
5	MES crimped 0.15 0.006"	5	225 9	24 1	110 4 3/8	20 3/4	12	126.511
6	MES crimped 0.15 0.006"	6	225 9	28 1	110 4 3/8	20 3/4	12	126.611
7	MES crimped 0.15 0.006"	8	225 9	36 1 1/2	110 4 3/8	20 3/4	12	126.811
8	MES crimped 0.08 0.003"	4	225 9	20 3/4	110 4 3/8	20 3/4	12	126.441
9	ROF crimped 0.15 0.006"	4	225 9	20 3/4	110 4 3/8	20 3/4	12	126.431
1	MES crimped 0.10 0.004"	4	225 9	20 3/4	110 4 3/8	20 3/4	12	126.431
2	MES crimped 0.15 0.006"	4	225 9	20 3/4	100 4	20 3/4	12	182.162**
3	ROF crimped 0.15 0.006"	4	225 9	20 3/4	110 4 3/8	20 3/4	12	126.481
4	ROF crimped 0.15 0.006"	4	225 9	20 3/4	100 4	20 3/4	12	182.152**
5	MES crimped 0.35 0.014"	4 x 11/12	350 14	22 7/8	80 3	10 3/8	12	137.701
6	MES crimped 0.30 0.012"	5 x 9	700 27 1/2	25 1	54 2 1/4	6 1/4	12	138.704
7	MES crimped 0.30 0.012"	4 x 11/12	450 17 3/4	22 7/8	80 3	8 5/16	12	138.705
8	MES crimped 0.35 0.014"	4 x 11/12	350 14	22 7/8	77 3	10 3/8	12	182.807**
9	MES crimped 0.35 0.014"	4 x 11/12	400 15 3/4	20 3/4	77 3	10 3/8	12	183.704**
1	MES crimped 0.35 0.014"	4 x 11/12	450 17 3/4	22 7/8	77 3	10 3/8	12	182.811**
2	MES crimped 0.30 0.012"	5 x 9/8	700 27 1/2	25 1	54 2 1/4	6 1/4	12	183.706**
3	MES crimped 0.30 0.012"	4	225 9	20 3/4	100 4	20 3/4	12	182.172**
4	ROS	4	225 9	20 3/4	110 4 3/8	20 3/4	12	126.472

Special Brushes

6	MES crimped 0.35 0.014"	4 x 11/12	350 14	22 7/8	80 3	10 3/8	12	137.701
7	MES crimped 0.30 0.012"	5 x 9	700 27 1/2	25 1	54 2 1/4	6 1/4	12	138.704
8	MES crimped 0.25 0.010"	2 x 10	200 8	15 5/8	80 3	19 3/4	12	132.701

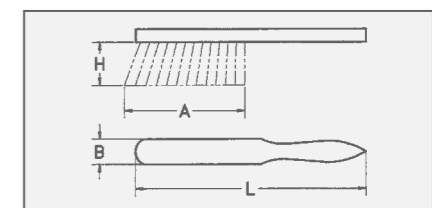
** Plastic body | For the food industry

Fine Scratch Brushes

Also called watchmaker and goldsmith brushes. The brushes have a very high density of filling wires and are available in different widths. These brushes are used among other things to apply solvents and other cleansing agents.

Special Brushes

The brushes were manufactured according to our customers' specification and show variations, which are possible through our flexible manufacturing procedures.



Special Models



Hand Brushes Rectangular and Violin
There are many filling wires in these stable universal brushes.

Hand Brushes with Bracket

The wooden body is pointed to the front end, the plastic bracket is nailed on. The model 140.901 has an adjustable stock board which enables an adjustment to brush firmness.

These special models are mainly ordered by our export customers.

Brushes for removing wet storage stain

Zinc coated surfaces are needed for corrosion protection. Often after the zinc coating of work parts, under wet conditions chemical reactions occur which cause wet storage stain. The special bronze wire allows the effective removal of white rust without smashing the zinc coating which has to be treated.

Radiator Brushes

This narrow, long shaped brush is ideal for hard to reach areas on heaters and radiators. The model 121.211 has a straight body, the other models have a curved body.

Staining Brushes

The treated wood is prepared with these staining brushes. By using fibre and bronze wire the brushes are insensitive against all normal chemical based solutions. The model 144.211 has an adjustable stock board which enables an adjustment to brush firmness.

With the staining brushes 144.701 and 144.801 the surface after the staining process is polished by the leather insert strips. Any standing wood fibre is also smoothed.

File Cleaners

The brushes for cleaning wood and metal files are available in different sizes and with different file card. The file card is glued on to the wooden body.

File Card in Rolls

Various roughing-up tools can be manufactured with this material, which is also available in different sizes and filling materials. Available in meters or if required in single pieces.

Bricklayer's Brushes

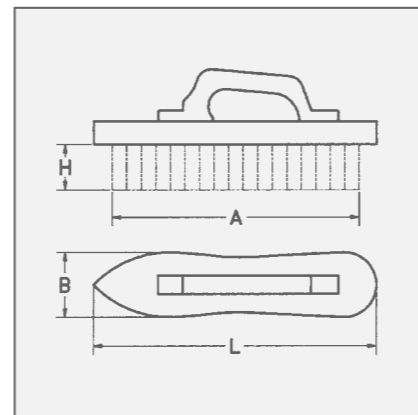
For pre and retreatment of brickwork for painters and bricklayers. All models have a jute or plastic strap.

Plasterer's Brushes

These are for roughening and structuring of plaster. Body is made of beech wood, the steel pins are hardened. Model 061.111: the outer steel pins are obliquely arranged in order to reach into corners.

Spiked Rollers

For use before the removal of wallpaper. The spiked roller perforates the paper allowing absorption of stripping solvent. The roller is of plastic with the steel pins obliquely arranged to ensure maximum efficiency in use. The handle can be made longer with customised telescopic handles. For safety the roller is supplied with a protective cover.



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STA = steel wire

STM = brass coated steel

BRO = bronze wire



We are accredited!



Special Hand Brushes

	Filling	Rows	L	B	A	H	Pack.	Art.-No.
			mm inch	mm inch	mm inch	mm inch		
Hand Brushes Rectangular and Violin								
1	STA straight 0.35 0.014"	6 x 19	185 7 1/4	57 2 1/4	175 7	30 1 1/4	12	140.201
2	STA straight 0.35 0.014"	5	200 8	60 2 3/8	190 7 1/2	35 1 1/2	16	141.231
3	STM straight 0.35 0.014"	5	200 8	55 2 1/4	170 6 5/8	40 1 3/8	36	140.641
Hand Brushes with Bracket								
4	STA straight ca. 0.35 0.014"	5	225 9	55 2 1/4	200 8	38 1 1/2	16	140.901*
5	STM crimped 0.35 0.014"	5	225 9	55 2 1/4	200 8	38 1 1/2	16	140.811
Hand Brushes with Strap								
6	STA straight 0.50 0.020"	7	200 8	70 2 3/4	185 7 1/4	35 1 1/2	12	141.421
Hand Brushes for removing wet storage stain								
7	BRO crimped 0.08 0.003"	11 x 18	120 4 3/4	70 2 3/4	110 4 3/8	14 4/7	4	152.811

* with adjustable board

Special Models



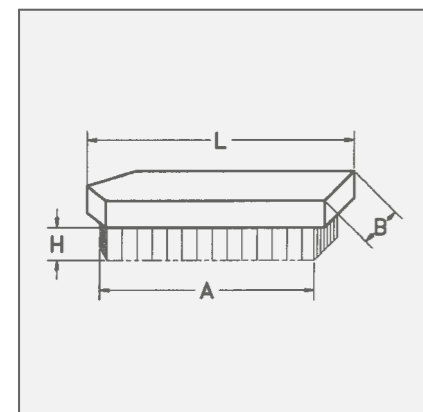
Radiator Brushes

	Filling	Rows	L mm inch	B mm inch	A mm inch	H mm inch	Pack.	Art.-No.
1	STA straight 0.25 0.010"	3 x 13	420 16 1/2	20 3/4	115 4 1/2	20 3/4	12	121.111*
2	STA straight 0.25 0.010"	3 x 13	420 16 1/2	20 3/4	115 4 1/2	20 3/4	12	121.211**

Staining Brushes

	Filling	Rows	L mm inch	B mm inch	A mm inch	H mm inch	Pack.	Art.-No.
3	MES crimped 0.15 0.006"	7	150 6	50 2	140 5 1/2	20 3/4	12	144.001
	BRO crimped 0.15 0.006"	7	150 6	50 2	140 5 1/2	20 3/4	12	144.011
4	BRO 0.15 0.006" / FIB	7	150 6	50 2	140 5 1/2	20 3/4	12	144.021
	BRO crimped 0.15 0.006"	7	180 7	60 2 3/8	170 6 5/8	20 3/4	12	144.111
	BRO 0.15 0.006" / FIB	7	180 7	60 2 3/8	170 6 5/8	20 3/4	12	144.121
5	BRO crimped 0.15 0.006"	6	150 6	50 2	130 5 1/8	20 3/4	12	144.211***
	BRO crimped 0.15 0.006"	6	150 6	50 2	130 5 1/8	15 5/8	12	144.311
	BRO crimped 0.15 0.006"	6	180 7	60 2 3/8	160 6 3/8	15 5/8	12	144.411
6	Leather + FIB	3/7	175 6 7/8	60 2 3/8	160 6 3/8	20 3/4	12	144.701
	Leather + FIB	4/9	203 8	72 2 7/8	190 7 1/2	20 3/4	12	144.801

* Wooden body curved | ** Wooden body straight | *** with adjustable board



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STA = steel wire

ROF = stainless steel wire

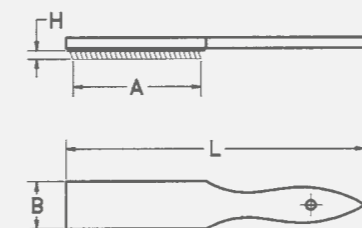
MES = brass wire

BRO = bronze wire

PP = polypropylene

FIB = fibre

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Roughening Brushes

	File Cards	L mm inch	B mm inch	A mm inch	Pack.	Art.-No.
1	STA 0.30 0.012"	210 8 1/4	25 1	100 4	12	037.101
	STA 0.30 0.012"	250 10	40 1 3/8	115 4 1/2	12	037.201
	STA 0.30 0.012"	250 10	40 1 3/8	115 4 1/2	100	037.200
	ROF 0.30 0.012"	250 10	40 1 3/8	115 4 1/2	12	037.221
2	ROF 0.60	170 6 3/4	30 1 1/4	24 1	20	037.710

File Cards

Filling, without interval	STA 0,30 width 25	STA 0,30 width 38	STA 0,30 width 51	ROF 0,30 width 38
	Art.-No.	Art.-No.	Art.-No.	Art.-No.
	000.311*	000.321*	000.331*	000.323*

Bricklayer's Brushes with Strap

	Filling	Rows	L mm inch	B mm inch	A mm inch	H mm inch	Pack.	Art.-No.
4	STA straight 0.25 0.010"	9	210 8 1/4	100 4	200 8	35 1 1/2	12	142.101
5	MES crimped 0.20 0.008" / PP	9	210 8 1/4	95 3 3/4	200 8	20 3/4	12	142.211**

Plasterer's Brushes

	Filling	L mm inch	B mm inch	A mm inch	H mm inch	Pack.	Art.-No.
6	86 steel Pins hardend	190 7 1/2	97 3 3/4	165 6 1/2	16 5/8	12	061.101

Spiked Rollers

	Filling	Rows	L mm inch	B mm inch	A mm inch	H mm inch	Pack.	Art.-No.
	steel Pins on plastic roller, with Protective Cover	12	290 11 3/8	25 1	148 5 7/8	7 1/4	10	064.050

* Please indicate length. | ** Wooden body varnished

Brooms and Scrubs

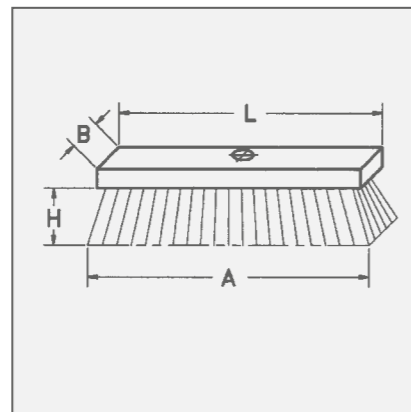


Brooms and Scrubs

Brooms and Scrubs for the use in all industrial companies and craftsman's establishments.

The shown brooms and scrubs are the best selling models. All models have a handle hole. The tree-trunk scrubs 148.601 is half-rounded for use in the forestry and sawmill area.

The brooms with flat steel wire 1.80 x 0.45 mm make the so called broom lines on cement floors thus receiving a rough surface.



Item Nos. in bold are available ex stock. Consider our minimum order value for *italic printed* article numbers (see page 139).

STA = steel wire
ROF = stainless steel wire
MES = brass wire



1 Brooms Flat Wooden Stock, with Handle Hole 23 Ø

Filling	Rows	L mm inch	B mm inch	A mm inch	H mm inch	Pack.	Art.-No.
STA straight 0.50 0.020"	5 x 16/17	250 10	60 2 3/8	270 10 5/8	70 2 3/4	12	147.101
STA straight 0.50 0.020"	5 x 20	300 12	60 2 3/8	330 13	70 2 3/4	12	147.401
STA straight 0.50 0.020"	6 x 20/21	300 12	70 2 3/4	330 13	70 2 3/4	12	147.201
STA straight 0.50 0.020"	6 x 20/21	300 12	70 2 3/4	330 13	70 2 3/4	42	147.200
ROF straight 0.50 0.020"	6 x 20	300 12	70 2 3/4	330 13	70 2 3/4	12	147.261
STA straight 0.50 0.020"	6 x 23	350 14	70 2 3/4	390 15 3/8	70 2 3/4	12	147.301

2 Brooms Raised Wooden Stock, with Handle Hole 23 Ø

Filling	Rows	L mm inch	B mm inch	A mm inch	H mm inch	Pack.	Art.-No.
STA straight 0.50 0.020"	5 x 16/17	250 8 1/4	60 2 3/8	270 10 5/8	70 2 3/4	12	146.101
STA straight 0.50 0.020"	6 x 20/21	300 12	70 2 3/4	330 13	70 2 3/4	12	146.201
STA flach 1.80 x 0.45	6 x 20/21	300 12	70 2 3/4	330 13	70 2 3/4	12	146.241
STA straight 0.50 0.020"	6 x 23/24	350 14	70 2 3/4	390 15 3/8	70 2 3/4	12	146.301
STA flat 1.80 x 0.45	6 x 23/24	350 14	70 2 3/4	390 15 3/8	70 2 3/4	12	146.341

3 Scrubs, with Handle Hole 23 Ø

Filling	Rows	L mm inch	B mm inch	A mm inch	H mm inch	Pack.	Art.-No.
STA straight 0.35 0.014"	6 x 16/17	220 8 5/8	60 2 3/8	225 9	35 1 1/2	12	148.101
ROF straight 0.35 0.014"	6 x 16/17	220 8 5/8	60 2 3/8	225 9	35 1 1/2	12	148.161
MES crimped 0.25 0.010"	6 x 16/17	220 8 5/8	60 2 3/8	225 9	25 1	12	148.141
STA straight 0.25 0.010"	6 x 17/18	240 9 1/2	70 2 3/4	245 9 5/8	35 1 1/2	12	148.201
STA straight 0.40 0.016"	7 x 15/16	230 9	65 2 1/2	220 8 5/8	35 1 1/2	12	148.601*

* Wooden body curved

Dusters



Dusters

Depending on the surrounding and application area, dusters are available in various models and with various filling materials. For coarse and light adherent dirt, dusters with wire filament are ideal.

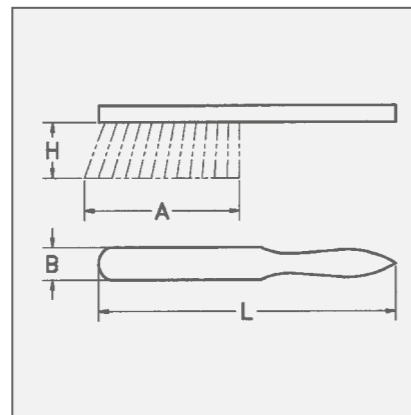
Next to horse hair we offer dusters with coco filament as a good value alternative.

The duster with polypropylene filament (straight plastic fibre) can be cleaned easily and therefore other surfaces do not get dirty. Since the water absorption of polypropylene is very low, the duster can be used also under wet conditions.

Further models in special execution with different filling materials and trim length available.

Dusters custom-made

Beside the mentioned models we provide special models with filling material and trim length according to your requirements.



Item Nos. in bold are available ex stock. Consider our minimum order value for *italic printed* article numbers (see page 139).

- STA = steel wire
- MES = brass wire
- PP = polypropylene
- ROS = horse hair



We are accredited!



Dusters								
	Filling	Rows	L mm inch	B mm inch	A mm inch	H mm inch	Pack.	Art.-No.
3	STA straight 0.25 0.010"	4	320 12 1/2	35 1 1/2	150 6	60 2 3/8	12	124.101
2	MES crimped 0.25 0.010"	4	320 12 1/2	35 1 1/2	150 6	40 1 3/8	12	124.121
1	coco	4	280 11	40 1 3/8	160 6 3/8	70 2 3/4	12	124.201
4	coco	4	430 17	40 1 3/8	165 6 1/2	70 2 3/4	20	124.401
5	ROS	6	300 12	43 1 3/4	165 6 1/2	50 2	20	124.301*
6	PP	4	320 12 1/2	35 1 1/2	175 6 7/8	70 2 3/4	12	124.801

* Wooden body varnished

Weed Brushes and Weed Brooms

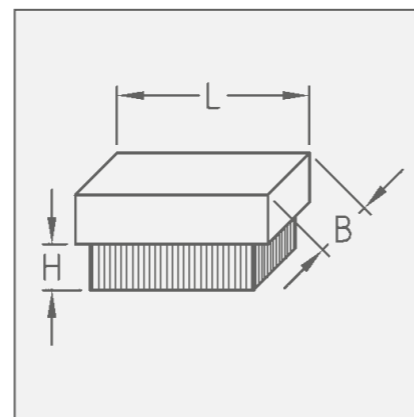


Weed Brush

This brush with V shaped filling material is ideal for the removal of moss and weeds in joints and edges on pavements, courtyards or cobbled areas.

Due to the long handle an ergonomic and effective working is possible. Without stooping, your back is preserved, though it is possible to remove weeds aggressively and precisely.

The brush with set filling material allows a cleaning of edges and joints which are hard to reach.



Weed Broom

As well as the weed brush, the weed broom is a brush for outdoors.

Ideally moss and weeds can be removed from terrace boards or cobblestones. An easy and clean working without stooping makes the brush to an effective broom with depth effects. High quality, with brass coated steel wires guarantee a long lifetime of the brush in the well known Lessmann quality „Made in Germany“.

All standard hand brushes have a bar code stamp and LESSMANN-imprint.



Displaybox

Item Nos. in bold are available ex stock. Consider our minimum order value for *italic printed* article numbers (see page 139).

STA = steel wire
STM = brass coated steel



IIIIII
EAN

Weed Brushes, with Handle Hole 23 Ø

	Filling	L	B	H	Rows	Pack.	Art.-No.
		mm inch	mm inch	mm inch			
without handle							
1	STA 0.35 0.014"	100 4	35 1 1/2	36 1 1/2	3	25	151.108
2	STM 0.35 0.014"	100 4	35 1 1/2	36 1 1/2	3	25	151.511
	Filling set in working direction						
3	STA 0.35 0.014" with scraper	100 4	35 1 1/2	42 1 5/8	3	25	151.109
with handle, 1400 mm long, Ø 28 mm, incl. Displaybox							
4	STA 0.35 0.014"	100 4	35 1 1/2	36 1 1/2	3	30	151.991.07*
	STM 0.35 0.014"	100 4	35 1 1/2	36 1 1/2	3	30	151.995.07*
	Filling set in working direction						

IIIIII
EAN

Weed Broom, with Handle Hole 23 Ø

	Filling	L	B	H	Rows	Pack.	Art.-No.
		mm inch	mm inch	mm inch			
without handle							
5	STM 0.50 0.020"	140 5 1/2	60 2 3/8	70/60 2 3/4 / 2 3/8	10/9	16	152.510
with handle, 1400 mm long, Ø 28 mm, incl. Displaybox							
	STM 0.50 0.020"	140 5 1/2	60 2 3/8	70/60 2 3/4 / 2 3/8	10/9	12	152.995.07*

* Delivery only in full packaging units.