



7.1 Technical brushes

CLEANING

1-15

GENERAL INFORMATION AND PRODUCT INFORMATION

LUKAS TECHNICAL BRUSHES

GENERAL

Lukas Abrasive South Africa has partnered with Lessmann to be the sole distributor in Southern Africa of the Lessmann technical brush brand.

The Lessmann range of brushware offer a wide range of industrial brush application solutions. Lukas stocks a large portion of the Lessmann range however when necessary for specialized application, additional specialized brushware can be specially manufactured and imported from Lessmann.

Please refer to the Lessmann catalogue for further information

No matter whether you want to remove wood, car paint, concrete residue or prepare, roughen, derust, debur, clean, polish or texture a wide variety of materials like aluminium, stainless steel, cast material, steel or titanium, at LUKAS you will find the right tool to suit your application. From abrasive paper to cleaning fleece and wire brushes in a wide range of shapes and types, LUKAS offers you the right cleaning tool for construction sites, production lines or your DIY workshop at home.

MACHINE-POWERED CLEANING TOOLS

LUKAS cleaning tools can be used with standard power tools. For instance, you can use the wheel brushes on angle grinders or wire brushes on drilling machines and cordless screwdrivers. The shank dimensions make it easy to fit the brushes into commercially available drilling machines.

LUKAS end brushes let you easily clean even the most inaccessible areas.

TOOLS FOR MANUAL USE

In addition to hand wire brushes for cleaning surfaces or finishing weld seams, LUKAS also offers abrasive fleece and paper, both of which are ideal for manually removing old paint from both wood and metal or for cleaning stainless steel. LUKAS abrasive fleece is available in rolls or pads that are perfect for manual use.

HANDLING AND STORAGE ADVICE

Brushes should be stored in dry, frost free conditions. They should be kept away from heat sources, cold, damp walls, doors or windows, acids or steam and should not be in direct contact with the floor. Temperatures and humidity should be between 18-22 °C and 45%-65% Relative Humidity. Brush should not be stored in areas that can cause deformations of the brush components.



Lessmann – The Brush Company: Since 1948, Lessmann has been producing surfacing tools “Made in Germany” at the production site in Oettingen/Bavaria. Ultra-modern industrial facilities, permanent quality controls and tests assure our high brush quality. The family-owned enterprise located in Oettingen has all departments in one area. As production, administration and research and development department as well as warehousing and logistics are closely together we can grant for short internal routes and fast processing times.

Quality:

Lessmann stands for high-class surface finishing tools “Made in Germany”. For us quality means to connect the experience of almost seven decades with today’s technical expertise. The results are products that earn our customers’ confidence in the high quality of German goods.












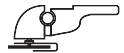

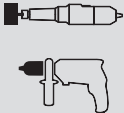





SAFETY ADVICE

Lukas technical brushes are manufactured according to a rigorous quality control (according to EN 1083-2). However, it is always advisable to wear safety clothing when working with technical brushes or when using and storing brushware. The tools are marked with the appropriate pictograms for correct usage.

GENERAL INFORMATION AND PRODUCT INFORMATION

Technical brush applications

Type	Machine	Recommended Speeds	Filament structure	Applications	Page
	T-Brush 	5-45 m/s	Crimped	Mild steel filament brush used to remove rust and old paint in difficult to reach areas. Stainless steel filament brush can easily remove tempering colour on stainless steel welds, this is a better alternative to chemical washing such welds.	6
	Pencil End Brush 	5-35 m/s	Crimped	For cleaning hard to reach areas, removal of paint or rubber excess, deburring applications, cleaning of moulds and curves, reaching inside blind holes and processing of bottom and side surfaces in one step. End brushes are also available in other shapes, either spread or pointed.	7
	Bevel Brush 	35-45 m/s	Knotted	Bevel brushes are appropriate for the treating of edges, grooves and surfaces. They can also be used to clean concrete surfaces.	8
	Weld Seam Cleaning Brush 	35-45 m/s	Knotted	Cleaning and preparation of weld seams, this task demands a tough and aggressive brush. The narrow brushing face is ideal for narrow welds and hard to reach areas.	9
	Wheel Brush 	25-35 m/s	Crimped	Wheel brushes filled with crimped wire are used for the purpose of obtaining different surface finishing, the removal of rust, paint and dirt as well as roughing, deburring and stripping. Wheel brushes allow for removing of burrs on cut edges with minimal change to the edges profile.	10
	Wheel Brush (Encapsulated) 	35-40 m/s	Encapsulated	Crimped wire filament embedded in tough plastic, the filling width always remains the same with early breaking of the wires being prevented. It's the perfect tool for long lasting and safe working. Common applications include tyre repair and precision brushing applications.	11
	Cup Brush 	20-35 m/s	Crimped	Crimped cup brushes are ideal for working on large surfaces with angle grinders. They can also be used for the removal of rust, paint, dirt and scale.	12-13
			Knotted	Knot cup brushes are for heavy duty use: for the preparing of metal surfaces before painting, the removal of slag, rust, scale or concrete waste.	12-13
	Shaft Mounted Cup Brush 	3-15 m/s	Crimped	Ideal tool for when only a drilling machine is available, for smaller surface areas and hard to reach areas.	13
			Knotted	Knotted filament structures offer a more aggressive alternative which are better suited for faster machine applications.	13
	Welders Brush 	-	Crimped/ Straight	Hand brushes are used everywhere, in the metal industry, construction work and in the workshops. These brushes are ideal for scraping off dirt or cement splashes. Stainless steel filament must always be used for stainless steel applications.	15
	Internal / tube Brush 	Various	Crimped/ Straight	Internal brush are used for deburring bores, cross bores, O-ring recesses and for cleaning small bores. Due to the flexible surface of the filament the internal brushes suit the contour of the bore and areas which are hard to reach. Abrasive filaments also have grinding effects on the side. That allows a rounding of the edges also on cross bores.	14

GENERAL INFORMATION AND PRODUCT INFORMATION

Brush filaments and applications


TYPES

We supply brushes in both wire qualities with crimped or twist-knotted filaments. Compared to crimped types, brushes with twist-knotted steel wire generally offer a longer tool life and more rugged abrasive performance and are thus suited for extreme requirements. We also supply brushes in high quality crimped steel wire embedded in a resin bond, thus enhancing their performance. These brushes are ideally suited for achieving uniform surfaces and precise edges.

APPLICATIONS

A wide range of jobs can be performed with steel wire brushes. Here are just a few examples: deburring, descaling, derusting, surface cleaning, roughening and paint stripping. Brushes with abrasive impregnated nylon filaments are perfect for removing stains on metal surfaces, graining soft wood, car body repair jobs, stripping off paint residues etc.

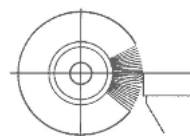
FILAMENT QUALITY

Quality		Properties	Applications
	Crimped steel wire	high-quality steel wire with high tensile strength soft and flexible, good memory, degree of aggressiveness varies with the diameter of the wire	ferrous metal surfaces, dry non-corrosive areas, wood, rubber
	Knotted steel wire	for treating metal surfaces, especially hard and aggressive	ferrous metal surfaces, dry non-corrosive areas
	Stainless steel wire	aggressive, stiff, poor memory, used where residues from normal steel wire would impair metal surfaces.	stainless steel, aluminium and other non ferrous metals and alloys, titanium materials, glass, ceramic, heat-resistant steel, plastic
	Brass wire	soft brushing action, extremely flexible, poor tool life, no sparks, does not contaminate stainless steel and non-ferrous metals	wet and dry non corrosive areas, used on ferrous and non ferrous metals, stainless steel, plastics, woods and rubber

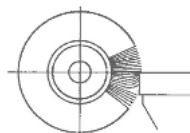
Brushing the correct way

WORKING MODE AND POWER TOOLS

Technical brushes are flexible tools that follow the contours of the workpiece. In order to achieve best results, only the tip of the filament should be in contact with the workpiece. Elasticity of the brush depends on the exposed length of the filaments, and in the case of steel wire brushes, on the wire thickness. Brushes with very long filaments are very flexible and should only be used with low pressure. Excessive pressure reduces the life of the brush and results in premature wearing. Technical brushes can be used on stationary and handheld power tools.



Correct pressure



Excessive pressure

TECHNICAL INFORMATION

Operating speeds

OPERATING SPEEDS




Steel wire brushes have a harder effect at higher speeds and a softer effect at low speeds. We recommend the following operating speeds for crimped types to achieve the desired results: Higher operating speeds can be selected for twist knotted types

Brushes made from nylon filaments achieve best results at operating speeds of 18 to 22 m/s, depending on the material to be machined.

Application	Peripheral Speeds in m/s							
	15	20	25	30	35	40	45	50
Removing Burrs								
Cleaning Welds								
Removing Scale								
Polishing								
Working on Plastic								

SELECTING THE CORRECT BRUSH FOR ANGLE GRINDER

Always ensure that the angle grinder speeds never exceed the maximum operating speed of the brush

Brush type			Page number	Angle grinder size			
				115	125	178	230
	65 dia Crimped cup brush	12-13					
	65 dia Knotted cup brush	12-13					
	80 dia Crimped cup brush	12-13					
	80 dia Knotted cup brush	12-13					
	100 dia Crimped cup brush	12-13					
	100 dia Knotted cup brush	12-13					
	120 dia Knotted cup brush	12-13					
	140 dia Crimped cup brush	12-13					
	140 dia Knotted cup brush	12-13					
	150 dia Crimped cup brush	12-13					
	115 dia Knotted wheel brush	9					
	178 dia Knotted wheel brush	9					
	115 dia Knotted bevel brush	8					



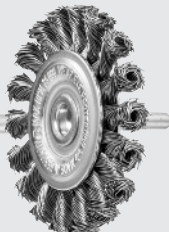
FLEXIBLE MACHINING OF THE MOST COMPLEX CONTOURS

CLEANING METAL SURFACES WITH LUKAS HIGH QUALITY STEEL WIRE

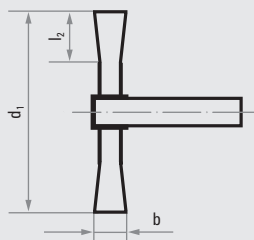
Lessmann T-brush with shank



crimped



knotted



- tight filling wire and well balanced brushes
- knotted brush perfect for removing under-seal, rust, deburring, roughening etc.
- made of high-quality steel wire with high tensile strength
- "Stainless" quality is used where residues from normal steel wire would impair surfaces such as stainless steel, aluminium and other non-ferrous metals.
- all inner and outer parts including the shanks are made of stainless steel
- shank diameter: 6 mm

★★☆

Product number	Description	Material	Type	d ₁ mm	b mm	l ₂ mm	Shank Ø mm	Wire Ø mm	n _{max} rpm	Pack contains
7WW013003000016	13x3.18x6 Crimped steel T-brush 565.321.30	steel	crimped	13	3.18		6			10
7WW030060600016	30x6x6 Crimped steel T-brush 413.142	steel	crimped	30	6	6	6	0.2	20,000	10
7WW040100600016	40x10x6 Crimped steel T-brush 414.142	steel	crimped	40	10	8	6	0.2	18,000	10
7WW050120600016	50x12x6 Crimped steel T-brush 415.162	steel	crimped	50	10	12	6	0.3	15,000	10
7WW070120600016	70x12x6 Crimped steel T-brush 417.162	steel	crimped	70	12	20	6	0.3	15,000	10
7WW075100600516	75x10x6 Crimped steel T-brush 90032	steel	crimped	75	10	16	6	0.3	4,500	10
7WW100120600016	100x12x6 Crimped steel T-brush 419.162	steel	crimped	100	12	22	6	0.3	4,500	10
Recommended for: ● Steel ● Cast material ● Plastic/Wood										
7WW030100610016	30x10x6 Crimped Inox T-brush 413.343	stainless	crimped	30	10	6	6	0.2	20,000	10
7WW050120610016	50x12x6 Crimped Inox T-brush 415.362	stainless	crimped	40	10	10	6	0.2	18,000	10
7WW070120610016	70x12x6 Crimped Inox T-brush 417.362	stainless	crimped	70	12	20	6	0.3	15,000	10
7WW070200610016	70x16x6 Crimped Inox T-brush 417.363	stainless	crimped	70	16	20	6	0.3	15,000	10
Recommended for: ● Inox/Steel ● Steel ● Titanium										

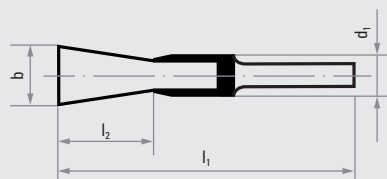
NARROW AND FLEXIBLE

CLEANING METAL SURFACES IN THOSE HARD TO REACH AREAS



Lessmann pencil end brush

- flexibly withstands the toughest challenges
- for deburring, descaling, derusting, surface cleaning, roughening and paint stripping
- made of high-quality steel wire with high tensile strength
- "Stainless" quality is used where residues from normal steel wire would impair surfaces such as stainless steel, aluminium and other non-ferrous metals.
- shank diameter: 6 mm



crimped

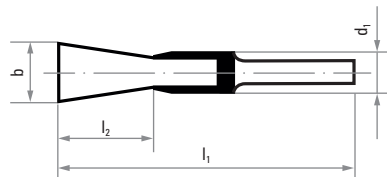
★★☆

Product number	Description	Material	Type	d ₁ mm	b mm	l ₂ mm	l ₁ mm	Wire Ø mm	n _{max} rpm	Pack contains
7WP01200116	12x6 Crimped steel pointed pencil brush 466.172	steel	crimped	12	13	26	73	0,35	12,000	10
7WP02200016	22x6 Crimped steel pencil brush 460.121	steel	crimped	22	20	30	73	0,35	12,000	10
7WP02200116	22x6 Crimped steel pointed pencil brush 460.122	steel	crimped	22	20	30	73	0,35	12,000	10
Recommended for: Steel Cast material Plastic/Wood										
7WP01210116	12x6 Crimped Inox pencil brush 466.471	stainless	crimped	12	10	25	72	0,35	12,000	10
Recommended for: Inox/Steel Steel Titanium										



Blister packed pencil end brush

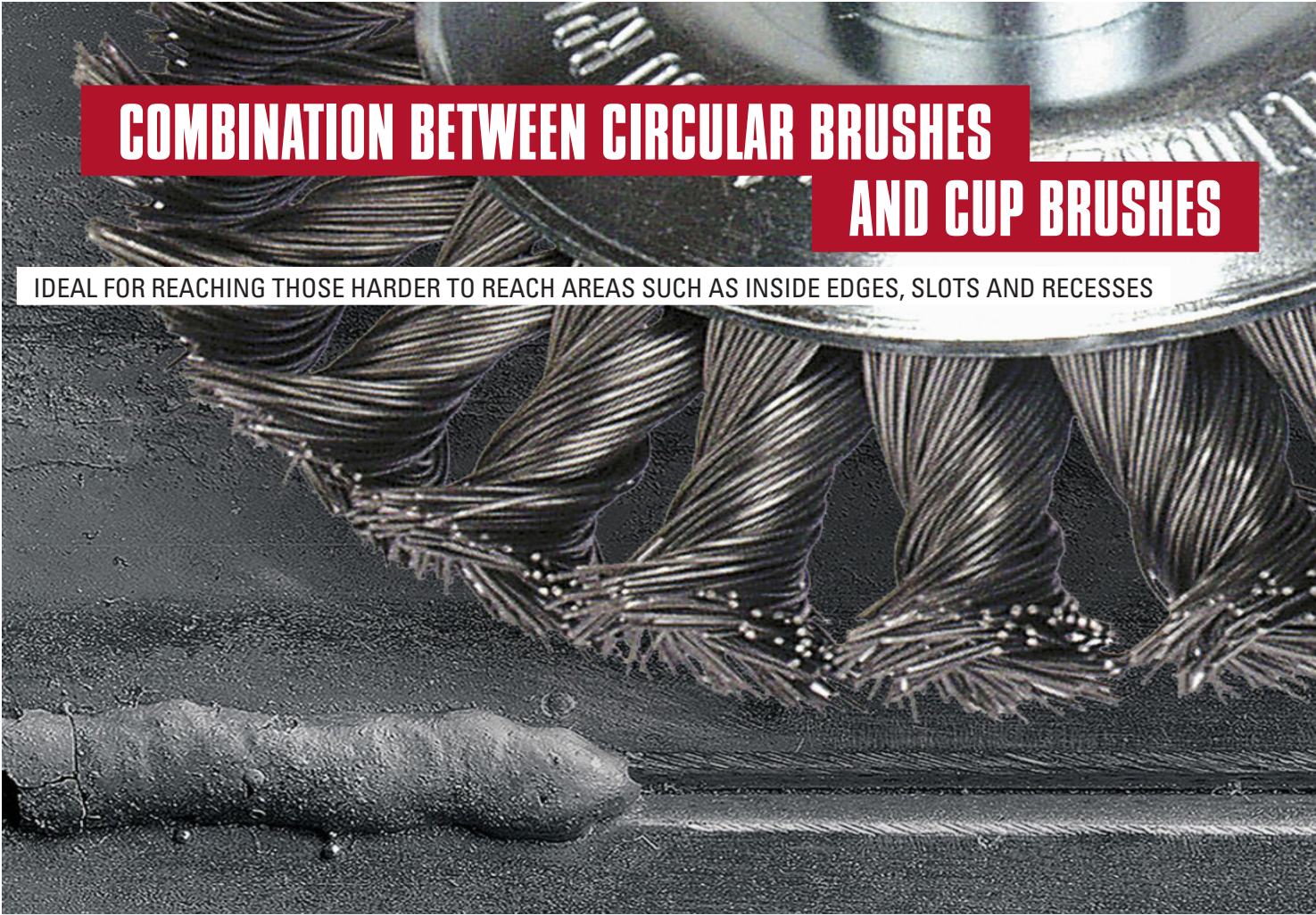
- used to clean or deburr in difficult to reach areas
- blister packaging for easy store display
- shank diameter: 6 mm



crimped

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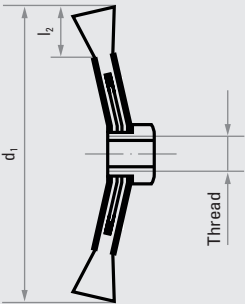
Product number	Description	Material	Type	d ₁ mm	b mm	l ₂ mm	l ₁ mm	Wire Ø mm	n _{max} rpm	Pack contains
7WP01200135	12x6 Crimped steel pointed pencil brush	steel	crimped	12	14	30	75	0,3	12,000	1
Recommended for: Steel Cast material Plastic/Wood										



COMBINATION BETWEEN CIRCULAR BRUSHES AND CUP BRUSHES

IDEAL FOR REACHING THOSE HARDER TO REACH AREAS SUCH AS INSIDE EDGES, SLOTS AND RECESSES

Lessmann knotted bevel brush



- with practical M14 thread
- for deburring, descaling, derusting, surface cleaning, roughening and paint stripping
- made of high-quality steel wire with high tensile strength
- “Stainless” quality is used where residues from normal steel wire would impair surfaces such as stainless steel, aluminium and other non-ferrous metals.

★★☆

Product number	Description	Material	Type	d ₁ mm	l ₂ mm	Thread	Wire Ø mm	n _{max} rpm	Pack contains
7WS115140003016	115xM14 Knotted steel bevel brush 472.157	steel	knotted	115	25	M14	0.35	15,000	1
Recommended for: ● Steel ● Cast material									
7WS115140001016	115xM14 Knotted inox bevel brush 472.757	stainless	knotted	115	25	M14	0,35	15,000	1
Recommended for: ● Inox/Steel ● Steel ● Titanium									

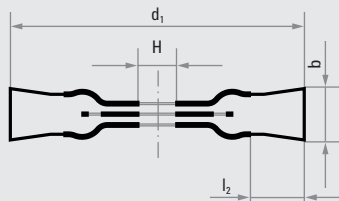
HIGH QUALITY LESSMANN PIPELINE BRUSH

SPECIALLY DEVELOPED FOR THE PROFESSIONAL USE ON U- AND V-WELDS



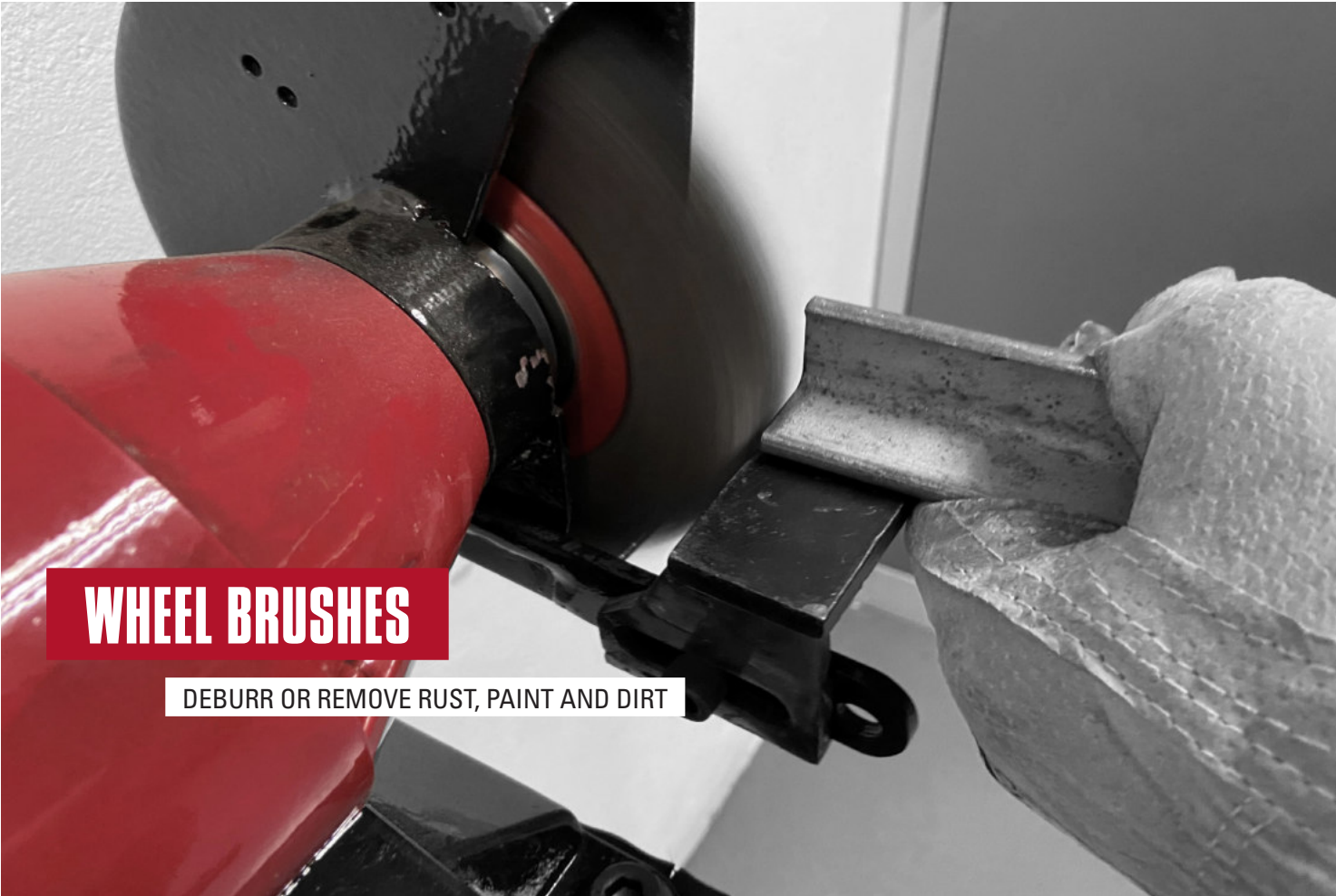
Lessmann weld seam cleaning brush

- designed for extreme brush requirements
- can be used on commercially available angle grinders
- for deburring, descaling, derusting, surface cleaning, roughening and paint stripping
- made of high-quality steel wire with high tensile strength
- "Stainless" quality is used where residues from normal steel wire would impair surfaces such as stainless steel, aluminium and other non-ferrous metals.



★★☆

Product number	Description	Material	Type	Number of knots	d ₁ mm	b mm	H mm	l ₂ mm	Wire Ø mm	n _{max} rpm	Pack contains
7WS115220320016	115mm 32 KNOT WHEEL BR STEEL 0.5	steel	knotted	32	115	7	22.23	20	0.5	12,500	1
7WS178220760016	178mm 76 KNOT WH STEEL 0.5 475.201.76	steel	knotted	76	178	7	22.23	20	0.5	12,500	1
Recommended for: <input type="radio"/> Steel <input checked="" type="radio"/> Cast material											
7WS115220321016	115mm 32 KNOT WHEEL BR INOX .5	stainless	knotted	32	115	7	22.23	20	0.5	12,500	1
Recommended for: <input checked="" type="radio"/> Inox/Steel <input type="radio"/> Steel <input type="radio"/> Titanium											



WHEEL BRUSHES

DEBURR OR REMOVE RUST, PAINT AND DIRT

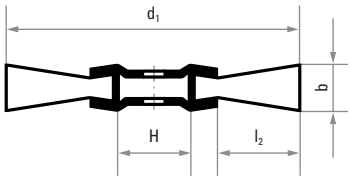
Lessmann crimped wire wheel brush



All crimped wheel brushes are supplied with adapter sets for mounting on all standard grinding machines.



- The following bores can be accommodated:
- brushes with a bore diameter of H 40 mm:
40 mm, 32 mm, 1", 22.23 mm, 20 mm, 16 mm, 1/2"
 - brushes with a bore diameter of H 50 mm:
50 mm, 32 mm, 1", 22.23 mm, 20 mm, 16 mm, 1/2"



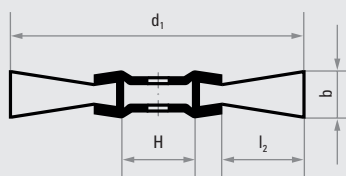
★★☆

Product number	Description	Material	Type	d ₁ mm	b mm	H mm	l ₂ mm	Wire Ø mm	n _{max} rpm	Pack contains
7WS150253200016	150x25x32 Steel wire whl 0.35 344-172	steel	crimped	150	25	32	33	0.35	6,000	1
7WS200253200016	200x25x32 Steel wire whl 0.35 365.172	steel	crimped	200	25	50,8	48	0.35	6,000	1
7WS250383200016	250x38x31.75 Steel wire whl 0.35 376.162	steel	crimped	250	38	50,8	50	0.3	3,600	1
7WS300255000016	300x25x50 Steel wire whl 0.35 387.162	steel	crimped	300	25	50,8	60	0.33	3,000	1
Recommended for: ● Steel ● Cast material										
7WS150253210016	150x25x32 Inox wire whl 0.33 44.362	stainless	crimped	150	25	40	33	0.3	6,000	1
Recommended for: ● Inox/Steel ● Steel ● Titanium										



Blister packed crimped wire wheel brush

All crimped wheel brushes are supplied with adapter sets for mounting on all standard grinding machines.



The following bores can be accommodated:

- brushes with a bore diameter of H 32 mm:
1", 22.23 mm, 20 mm,
16 mm, 1/2"

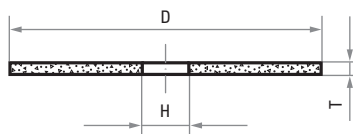
★☆☆

Product number	Description	Material	Type	d ₁ mm	b mm	H mm	l ₂ mm	Wire Ø mm	n _{max} rpm	Pack contains
7WS125251900035	125x25x19mm CRIMP WIRE WHEEL	steel	crimped	125	25	19	30	0.3	8,500	1
7WS150183200935	S150/18/32 .3 CRIMPED WIRE WHL	steel	crimped	150	18	32	30	0.3	6,000	1
7WS150253200035	S150/25/32 .3 CRIMPED WIRE WHL	steel	crimped	150	25	32	30	0.3	6,000	1
7WS200203200935	S200/20/32 .3 CRIMPED WIRE WHL	steel	crimped	200	20	32	45	0.3	4,500	1
7WS200253200035	S200/25/32 .35 CRIMPED WIRE WL	steel	crimped	200	25	32	45	0.35	4,500	1
7WS250253200035	S250/25/32 .35 CRIMPED WIRE WL	steel	crimped	250	25	32	50	0.35	3,600	1
Recommended for: ● Steel ● Cast material										
7WS250253200035	S200/25/32 0.3mm INOX CRIMPED	stainless	crimped	150	25	32	45	0.3	4,500	1
Recommended for: ● Inox/Steel ● Steel ● Titanium										



Lessmann rubber encapsulated brush

- ideal for aggressive work
- offers an exact brush contact surface
- for deburring, descaling, derusting, surface cleaning, roughening and paint stripping
- longer life and harder brushing effect
- risk of injury from wire filaments breaking off are reduced



★★★

Product number	Description	Material	D mm	T mm	H mm	n _{max} rpm	Pack contains
7WS050081007016	50x8x10	rubber incapsulated brass	50	8	10	15,000	1
7WS070081007016	70x8x10	rubber incapsulated brass	70	8	10	15,000	1
Recommended for: ● Aluminium and non ferrous metals ● Plastic/Wood							



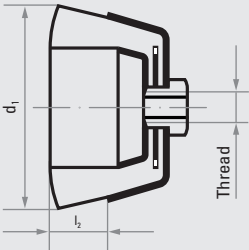
LESSMANN CUP BRUSHES

FOR HEAVY DUTY USE IN PREPARING SURFACES

Lessmann cup brush



crimped knotted



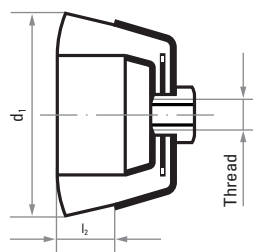
- with practical M14 thread
- for deburring, descaling, derusting, surface cleaning, roughening and paint stripping
- made of high-quality steel wire with high tensile strength
- “Stainless” quality is used where residues from normal steel wire would impair surfaces such as stainless steel, aluminium and other non-ferrous metals.

★★☆

Product number	Description	Material	Type	d ₁ mm	d ₂ mm	Thread	Wire Ø mm	n _{max} rpm	Pack contains
7WC1401400016	140xM14 Crimped steel wire cup 0.35 427.177.LA	steel	crimped	140	30	M14	0.35	8,000	1
7WC1405800016	140x5/8 BSW Crimped steel wire cup 0.4 427.178	steel	crimped	140	30	5/8 BSW	0.35	8,000	1
Recommended for: ● Steel ● Cast material									
7WC1401410116	140xM14 Crimped Inox cup 0.3 427.367	stainless	crimped	140	30	M14	0.3	8,000	1
7WC1405810016	140x5/8 BSW Crimped Inox cup 0.35 427.368	stainless	knotted	140	0.35	5/8 BSW	0.3	8,000	1
Recommended for: ● Inox/Steel ● Steel ● Titanium									



Blister packed cup brush



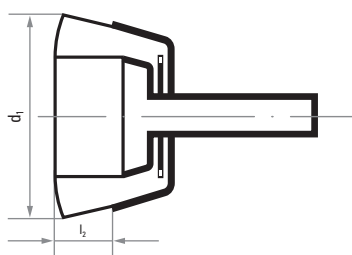
- blister packaging for easy store display
- for deburring, descaling, derusting, surface cleaning, roughening and paint stripping

★☆☆

Product number	Description	Material	Type	d ₁ mm	l ₂ mm	Thread	Wire Ø mm	n _{max} rpm	Pack contains
7WC0651400035	65xM14 Crimped steel wire cup 0.3	steel	crimped	65	20	M14	0.3	12,500	1
7WC0651401035	65xM14 Knotted steel cup 0.5	steel	knotted	65	15	M14	0.5	12,500	1
7WC0801400035	80xM14 Crimped steel wire cup 0.3	steel	crimped	80	20	M14	0.3	12,500	1
7WC0801401035	80xM14 Knotted steel cup 0.5	steel	knotted	80	25	M14	0.5	12,500	1
7WC1001400035	100xM14 Crimped steel wire cup 0.3	steel	crimped	100	30	M14	0.3	8,500	1
7WC1001401035	100xM14 Knotted steel cup 0.8	steel	knotted	100	20	M14	0.8	8,500	1
7WC1201400035	120xM14 Knotted steel cup 0.5	steel	knotted	120	25	M14	0.5	6,500	1
7WC1201400035	120xM14 Knotted steel cup 0.8	steel	knotted	120	25	M14	0.8	6,500	1
7WC1401400035	140xM14 Crimped steel wire cup 0.4	steel	crimped	140	30	M14	0.4	6,500	1
7WC1401408035	140xM14 Knotted steel cup 0.8	steel	knotted	140	30	M14	0.8	6,500	1
7WC1405800035	140x5/8 BSW Crimped steel wire cup 0.5	steel	crimped	140	35	5/8 BSW	0.5	6,500	1
Recommended for: ● Steel ● Cast material									
7WC1001405035	100xM14 Crimped Inox wire cup 0.3	stainless	crimped	100	30	M14	0.3	8,500	1
7WC1501400035	150xM14 Crimped Inox wire cup 0.3	stainless	crimped	150	40	M14	0.3	6,500	1
7WC1505800035	150x5/8 BSW Crimped Inox wire cup 0.3	stainless	crimped	150	40	5/8 BSW	0.3	6,500	1
Recommended for: ● Inox/Steel ● Steel ● Titanium									



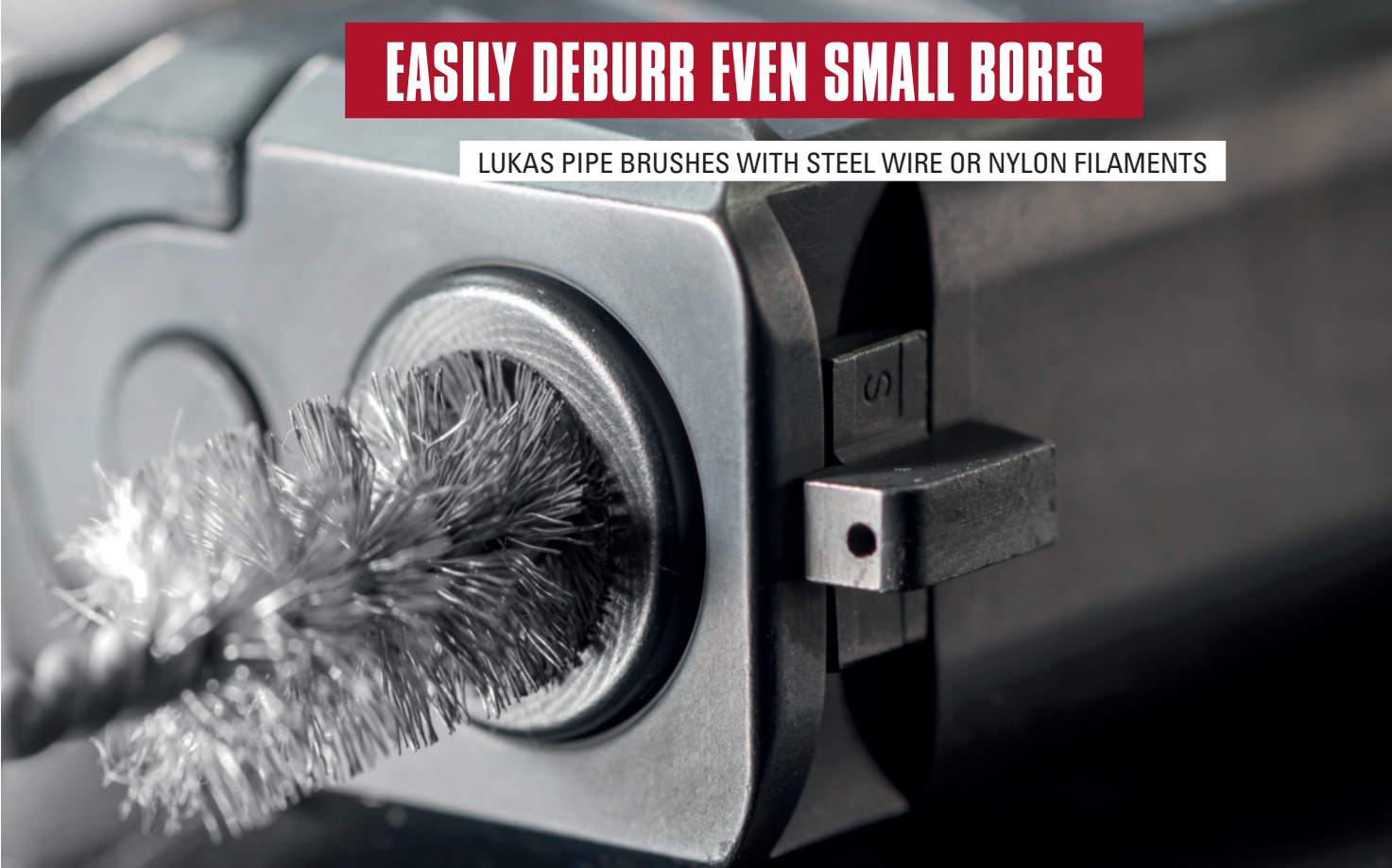
Blister packed Shaft mounted cup brush



- blister packaging for easy store display
- ideal for working on medium to large areas
- moderately aggressive action on surfaces
- achieves an even abrasive performance and long tool life
- shank diameter: 6 mm

★☆☆

Product number	Description	Material	Type	d ₁ mm	l ₂ mm	Shank Ø mm	Wire Ø mm	n _{max} rpm	Pack contains
7WC050000535	50x6 Crimped steel cup brush shaft mount	steel	crimped	50	15	6	0.35	4,500	1
7WC0650601035	65x6 Knotted steel cup brush shaft mount	steel	knotted	65	20	6	0.5	4,500	1
7WC075000535	75x6 Crimped steel cup brush shaft mount	steel	crimped	75	20	6	0.3	4,500	1
Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Titanium ● Plastic/Wood									



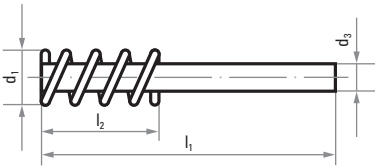
EASILY DEBURR EVEN SMALL BORES

LUKAS PIPE BRUSHES WITH STEEL WIRE OR NYLON FILAMENTS

Lessmann interior brushes



- for universal use
- manufactured to meet customer specific applications available in various sizes, qualities and fittings, for more information please view the Lessmann catalogue
- perform a wide variety of manual jobs such as deburring, descaling, derusting, surface cleaning, roughening and paint stripping
- deburring of bores, cross-holes and O-ring grooves
- polishing and cleaning of nozzles, small and threaded bores



★★☆

Product number	Description	Material	Type	d ₁ mm	d ₃ mm	l ₁ mm	l ₂ mm	Wire Ø mm	n _{max} rpm	Pack contains
7WW013003000016	13x3.18x6 Crimped steel T-brush 565.321.30	nylon	crimped	13	3.6	26	90	0.15	-	10
Recommended for: <div><div></div> Inox/Steel</div> <div><div></div> Steel</div> <div><div></div> Aluminium</div> <div><div></div> Titanium</div> <div><div></div> Plastic/Wood</div>										
Product number	Description									Pack contains
7WW	interior brush manufactured to customer specific applications									1
Recommended for: <div><div></div> Inox/Steel</div> <div><div></div> Steel</div>										

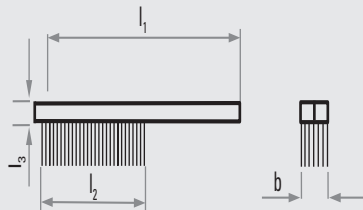
FLEXIBLE HAND BRUSH FOR UNIVERSAL USE

FOLLOWS EVERY CONTOUR FROM COOKING GRATES TO COMPLEX WORKPIECES



Lessmann welders hand brush for universal use

- for universal use
- follow the contours of every workpiece thanks to their flexibility
- perform a wide variety of manual jobs such as deburring, descaling, derusting, surface cleaning, roughening and paint stripping
- made of high-quality steel wire with high tensile strength
- "Stainless" quality is used where residues from normal steel wire would impair surfaces such as stainless steel, aluminium and other non-ferrous metals.



Product number	Description	Material	Number of rows	b mm	l ₂ mm	l ₁ mm	Wire Ø mm	Pack contains
7WH04935	4 Row handwelders brush steel wire 101.741.P1	steel	4	25	130	225	0.35	12
7WH04516	4 Row handwelders brush brass coated steel wire	brass coated steel	4	30	130	225	0.3	12
Recommended for: ● Steel ● Cast material								
7WH040416	4 Row handwelders brush inox wire 126.481	stainless	4	20	110	225	0.15	12
Recommended for: ● Inox/Steel ● Steel ● Titanium								
7WH040116	4 Row handwelders brush brass wire 126.481	brass	4	20	110	225	0.15	1
Recommended for: ● Aluminium and non ferrous metals ● Plastic/Wood								