

Deburring. Cleaning. Structuring.

Klingspor wire brushes
for metalworking

NEW





Good. Safe. Yellow.

Klingspor is one of the world's leading manufacturers of grinding solutions and has been setting new standards in abrasive technology for 125 years. The company's product range comprises of over 50,000 products that are designed for finishing surfaces and for cutting through materials. Klingspor embodies premium quality, innovative concepts and unwavering customer orientation.

Focus on metalworking

Our many years of experience as a partner to leading companies in the metalworking industry has furnished us with a knowledge of the industry that is second to none. This extensive expertise has given birth to wide-ranging grinding solutions that guarantee high production volumes and satisfy the strictest quality standards, thus making a major contribution to our customers' success.

We have placed particular focus on the process of weld seam finishing and offer you the right products for each step of the process.



Cutting off



Preparation



Removal



Finishing



Cleaning

Target industries

Metalworking shop / metal construction



Staircase / railing construction



Stainless steel container construction



Shipyards



Vehicle construction



Hall / crane construction



Types of brushes at a glance



Wheel and pipeline brushes

Preparing and finishing weld seams, deburring and cleaning cutting edges, corners or angles



Bevel brushes

For work on difficult-to-access areas, corners or edges as well as for surface cleaning



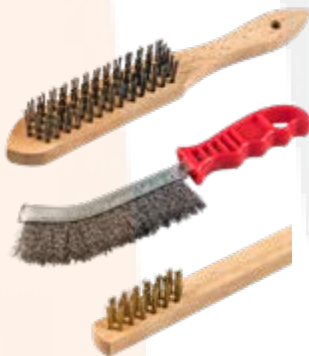
Cup-shaped brushes

For efficient rust, paint or weld spatter removal from large surfaces



End brushes

Ideal tool for work on the insides of pipes, drill holes or indentations



Handheld brushes

For the manual cleaning of surfaces and weld seams



Cup-shaped brushes with shaft

Suitable for cleaning small to medium sized surfaces



Wheel brushes with shaft

Perfect tool for cleaning and deburring in hard-to-reach areas, grooves or flutes

1. Klingspor logotype

Reference to certified Klingspor quality

2. Safety recommendations

3. Rotational speed

Reference to maximum permissible motor speed in revolutions per minute



4. Wire style

Klingspor offers wire brushes with knotted, crimped or SiC polyamide bristles

5. Area of application

The base colour of the tool gives an indication of the wire material used
Green = stainless steel
Silver = steel

What the type designation reveals about the design of wire brushes

Product group	Type of wire brush	Performance class	Wire style
B Brushes	K Bevel brush R Wheel brush RP Wheel brush pipeline T Cup-shaped brush TS Cup-shaped brush with shaft PS End brush with shaft RS Wheel brush with shaft H Handheld brush with wooden handpiece HP Handheld brush with plastic handpiece HK V-shaped scratch brush HZ Spark plug brush	600 SUPRA	Z Knotted W Crimped P SiC polyamide bristles

Here explained by example of the BTS 600 W

Product group	Type of wire brush	Performance class	Wire style
B Brushes	TS Cup-shaped brush with shaft	600 SUPRA	W Crimped

Bristle materials and their properties

Steel wire

High strength quality steel wire with great tensile and bending fatigue strength for exceptional economy.



Knotted

- ▶ Aggressive brush action
- ▶ Long service life
- ▶ Minimum flexibility

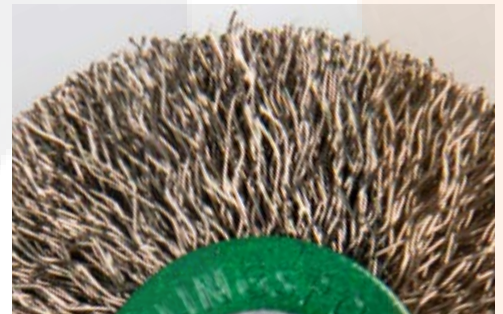
Non-corrosive steel wire / INOX

Quality stainless steel wire with great tensile strength for a long service life. Resistant to corrosion during applications on chromium-nickel steel, aluminium and other NF metals.



Crimped

- ▶ Gentle, material-friendly brush action
- ▶ For sensitive surfaces and soft materials
- ▶ Perfect contouring to the shape of the workpiece



Brass wire

Soft, fine brass wire for the surface finish of NF metals (copper, brass).



Polyamide bristle







A flexible abrasive bristle interspersed with SiC abrasive grain. Uniform brush action thanks to the continuous release of new abrasive grain.



Safe application of wire brushes

The maximum operating speed of the brush varies with the diameter of the brush and must never be exceeded for safety reasons. Before using the brush, always verify that the motor speed of the machine does not exceed the maximum operating speed of the brush.

Refer to the table below for a recommendation as to which brush diameter you can mount on which angle grinder.

		Ø 115 mm (max. 12,500 rpm)	Ø 125 mm (max. 11,500 rpm)	Ø 180 mm (max. 8,500 rpm)
Type of brush		Brush diameter		
	BR 600 Z Wheel brush, knotted	Ø 115 mm (max. 12,500 rpm)	Ø 125 mm (max. 12,500 rpm)	Ø 180 mm (max. 8,500 rpm)
	BRP 600 Z Pipeline brush, knotted	Ø 115 mm (max. 15,000 rpm)	Ø 125 mm (max. 12,500 rpm)	Ø 180 mm (max. 9,000 rpm)
	BK 600 Z Bevel brush, knotted	Ø 100 mm Ø 115 mm (max. 12,500 rpm)		
	BT 600 Z Cup-shaped brush, knotted	Ø 65 mm (max. 12,500 rpm)		Ø 80 mm Ø 100 mm (max. 8,500 rpm)
	BT 600 W Cup-shaped brush, crimped	Ø 65 mm (max. 12,500 rpm)		Ø 80 mm Ø 100 mm (max. 8,500 rpm)

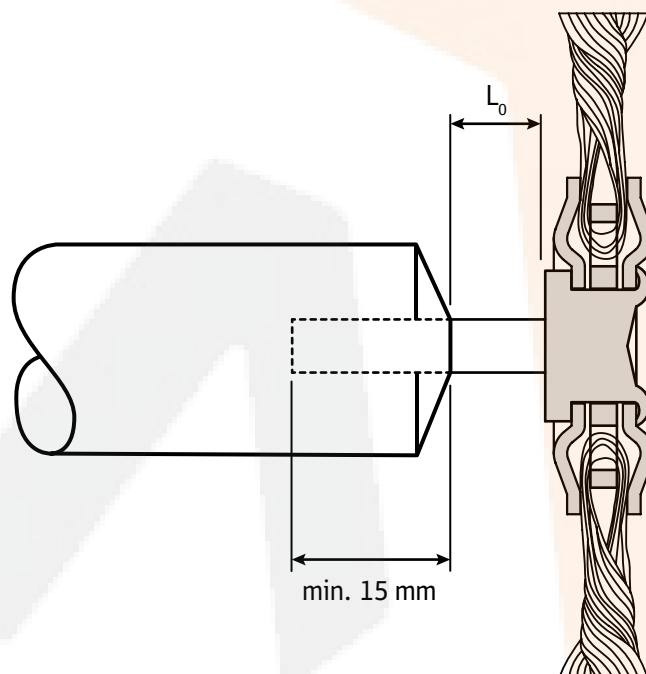
Cutting speeds

The cutting speeds are dependent on the material to be processed. Working within the correct speed range is paramount to the economical operation of the brush. Depending on the material, we recommend using the following cutting speeds as guidelines.

Material	Cutting speed [m/s]									
	10	15	20	25	30	35	40	45	50	55
Steel								40 - 50		
Stainless steel					30 - 35					
NF metals			18 - 22							
Plastic		15 - 20								

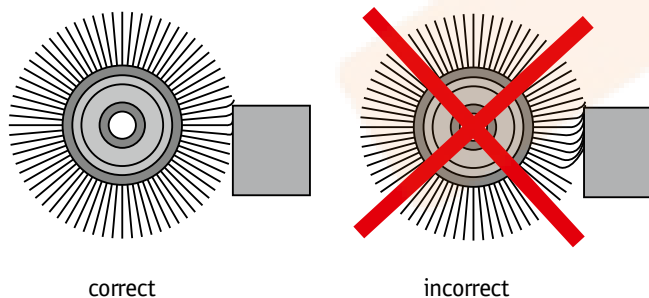
Safe use of shaft brushes

The receiving shaft should be as low as possible, but should be clamped into the tool holder with a depth of no less than 15 mm. If the exposed shaft length is $L_0 > 10$ mm, the speed must be reduced for safety reasons.



Tool pressure

You will achieve an optimum sanding result when working only with the wire tips of the brush. Increasing the tool pressure will cause the brush to wear out faster due to wire breakage and thus reduce the service life of the brush.



Factors with an impact on the brushing result

If the brushing result does not satisfy your requirements, you can optimise the outcome by changing certain application parameters.

Measure Problem	Brush Ø	Rotational speed	Wire thickness	Bristle length
Brush action too weak	increase	increase	increase	reduce
Brush action too aggressive	decrease	reduce	reduce	extend
Surface finish too rough and uneven	decrease	reduce	reduce	extend
Surface finish too fine	increase	increase	increase	reduce
Formation of secondary burrs	increase	increase	increase	reduce

The safe use of Klingspor abrasives

Manufactured in compliance with the requirements set out in the EN 1083-2, Klingspor wire brushes guarantee the highest level of safety for the user.



Wear safety goggles or glasses to protect the eyes



Wear dust mask



Use ear protectors



Wear safety gloves to protect hands



Observe safety instructions

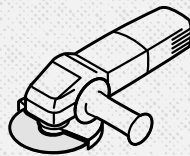
Machines

Carrying a comprehensive range of products, Klingspor offers the right abrasive tool for all types of machines and all standard applications commonly required on the market.

Angle grinder

Suitable tools:

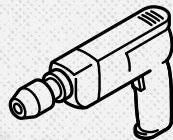
- ▶ Wheel brush
- ▶ Pipeline brush
- ▶ Cup-shaped brush
- ▶ Bevel brush



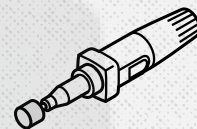
Machines for shaft-mounted tools

Suitable tools:

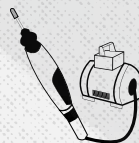
- ▶ Wheel brush with shaft
- ▶ Cup-shaped brush with shaft
- ▶ End brush with shaft



Drilling machine



Die grinder



Flexible shaft



Cordless screwdriver

Off-hand sanding

Suitable tools:

- ▶ Handheld brush
- ▶ V-shaped scratch brush
- ▶ Spark plug brush

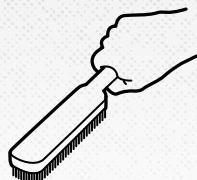































































Table of Contents

				Material applications										
Machines	Type of wire brush	Wire style	Bristle material	Construction steel	Carbon steel	Alloyed steels	Cast iron	Stainless steel	Aluminium	Copper	Brass	Wood	Type	Page
	Wheel brush	knotted	Steel wire	●	●	●	●						BR 600 Z	14
			INOX wire					●	●	●	●		BRP 600 Z	14
	Pipeline brush	knotted	Steel wire	●	●	●	●						BK 600 Z	15
	Bevel brush	knotted	Steel wire	●	●	●	●							
			INOX wire					●	●	●	●			
	Cup-shaped brush	knotted	Steel wire	●	●	●	●						BT 600 Z	15
   			INOX wire					●	●	●	●		BT 600 W	16
	Wheel brush with shaft Ø 6 mm	knotted	Steel wire	●	●	●	●						BRS 600 Z	16
			INOX wire					●	●	●	●			
	Wheel brush with shaft Ø 6 mm	crimped	Steel wire	●	●	●	●						BRS 600 W	17
			INOX wire					●	●	●	●			
	Wheel brush with shaft Ø 6 mm	abrasive bristle	SIC	●		●		●	●	●	●	●	BRS 600 P	17
	Cup-shaped brush with shaft Ø 6 mm	crimped	Steel wire	●	●	●	●						BTS 600 W	18
			INOX wire					●	●	●	●			
	End brush with shaft Ø 6 mm	knotted	Steel wire	●	●	●	●						BPS 600 Z	18
			INOX wire					●	●	●	●			
			INOX wire					●	●	●	●		BPS 600 W	19
	Handheld brush with wooden handpiece	straight	Steel wire	●	●	●	●						BH 600	20
			INOX wire					●	●	●	●			
			Brass wire						●	●	●	●		
	Handheld brush with plastic handpiece	crimped	Steel wire	●	●	●	●						BHP 600	20
			INOX wire					●	●	●	●			
			Brass wire						●	●	●	●		
	Handheld V-shaped scratch brush	straight	Steel wire	●	●	●	●						BHK 600	21
			INOX wire					●	●	●	●			
	Spark plug brush	crimped	INOX wire					●	●	●	●		BHZ 600	21
			Brass wire						●	●	●			

● = main applications

Product overview

Machine	Type of brush	Application	Product	Page
 Angle grinder	 Wheel brush, knotted	<ul style="list-style-type: none"> ► Wheel brush for preparing and finishing weld seams ► For aggressive removal of scale, rust and slag ► For heavy-duty brushing and deburring applications 	  BR 600 Z	14
	 Pipeline brush, knotted	<ul style="list-style-type: none"> ► Pipeline brush for the professional finishing of U-/V-shaped welds in pipe and pipeline construction (oil & gas industry) ► Cleaning of all weld seams found on pipe joints 	  BRP 600 Z	14
	 Cup-shaped brush, knotted	<ul style="list-style-type: none"> ► For aggressive brushing applications ► For preparing metal surfaces prior to painting ► For removing slag, rust and scale 	  BT 600 Z	15
	 Cup-shaped brush, crimped	<ul style="list-style-type: none"> ► For work on larger surfaces ► For rust removal and removing paint, dirt and scale ► For light deburring 	  BT 600 W	16
	 Bevel brush, knotted	<ul style="list-style-type: none"> ► For work in places that are hard to reach ► For weld seam finishing ► For removing scale, rust, varnish, slag, etc. 	  BK 600 Z	15
 Drilling machine  Cordless screwdriver  Die grinder  Flexible shaft	 Wheel brush with shaft, knotted	<ul style="list-style-type: none"> ► For coarse brushing applications ► For rust removal, deburring, roughening, etc. ► For removing paint, scale, slug or similar materials ► Work in hard-to-access areas 	  BRS 600 Z	16
	 Wheel brush with shaft, crimped	<ul style="list-style-type: none"> ► For removing rust, paint or similar materials ► For cleaning weld seams ► For light deburring ► Brushing with stainless steel wire to remove tempering colour from stainless steel welds 	  BRS 600 W	17
	 Wheel brush with shaft SIC abrasive bristles	<ul style="list-style-type: none"> ► Polyamide abrasive bristle interspersed with SiC abrasive grain ► Available in grain 120 and 320 ► Ideal for structuring and stripping paint off wooden parts ► Removal of oxide layers or heat tinting 	    BRS 600 P	17

Machine	Type of brush	Application	Product	Page
 Drilling machine  Cordless screwdriver	 Cup-shaped brush with shaft, crimped	<ul style="list-style-type: none"> ▶ Ideal tool for cleaning surfaces of small and medium size ▶ Crimped wire that is ideal for fine brushing or surface preparation of steel or stainless steel ▶ Removes paint, rust and incrustations 	  BTS 600 W	18
	 End brush with shaft, knotted	<ul style="list-style-type: none"> ▶ Perfectly suited for work on bore holes and the inside surfaces of pipes ▶ Excellent brushing action thanks to knotted wire style ▶ Tool diameter changes with the motor speed 	  BPS 600 Z	18
 Die grinder  Flexible shaft	 End brush with shaft, crimped	<ul style="list-style-type: none"> ▶ For fine brushing and removal of minor burrs in pipes or bore holes ▶ A good option for brushing and cleaning moulds or die-cast parts ▶ Extra soft and flexible tool that shapes to the contour of the workpiece 	  BPS 600 W	19
	 Handheld brush, standard	<ul style="list-style-type: none"> ▶ For the manual removal of rust, dirt and paint 	  BH 600	20
 Off-hand sanding	 Handheld brush	<ul style="list-style-type: none"> ▶ Comfortable working thanks to the ergonomic shape of the plastic handpiece ▶ Crimped wire style for cleaning with minimal impact on the material ▶ Narrow bristle width for precision work in indentations ▶ Brush available with steel, stainless steel and brass wire 	  BHP 600	20
	 Handheld V-shaped scratch brush	<ul style="list-style-type: none"> ▶ V-shaped bristles for work in hard-to-access areas ▶ For removing scale or slag from weld seams and fillet welds 	  BHK 600	21
	 Spark plug brush	<ul style="list-style-type: none"> ▶ Can be used for all fine brushing work ▶ Cleaning of contacts on spark plugs or electrodes 	  BHZ 600	21

Wire brushes

Wheel brush, knotted wire

BR 600 Z



NEW



Applications

Stainless steel	●
Steel	●

Advantages: Wheel brush for pre- and post-processing of welding seams - For aggressive removal of scale, rust and slag - For heavy brushing and deburring work

Diameter x Width x Bore in mm	Fill material	Wire thickness in mm	Fill length in mm	Number of knots	Max. RPM	Packing unit/pcs.	Cat. number
115 x 14 x 22,23	Steel	0,50	22	20	12500 rpm	1	358311
115 x 14 x 22,23	Stainless steel	0,50	22	20	12500 rpm	1	358342
125 x 14 x 22,23	Steel	0,50	22	24	12500 rpm	1	358312
125 x 14 x 22,23	Stainless steel	0,50	22	24	12500 rpm	1	358343
178 x 14 x 22,23	Steel	0,50	42	30	9000 rpm	1	358313

Pipeline brush, knotted wire

BRP 600 Z



NEW



Applications

Steel	●
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Advantages: Ideal tool for the professional processing of U / V-type welds in pipeline, pipework and container construction - Thanks to its slim overall width it is also well suited for working on hard-to-reach areas (e.g. root or narrow fillet welds) - Cleaning of all welding seams on pipe connections

Diameter x Width x Bore in mm	Fill material	Wire thickness in mm	Fill length in mm	Number of knots	Max. RPM	Packing unit/pcs.	Cat. number
115 x 6 x 22,23	Steel	0,50	28	32	15000 rpm	1	358314
125 x 6 x 22,23	Steel	0,50	22	36	12500 rpm	1	358315
178 x 6 x 22,23	Steel	0,50	46	48	9000 rpm	1	358319

Bevel brush with thread, knotted wire

BK 600 Z



NEW !



Applications

Steel	●
Stainless steel	●

Advantages: Ideal tool for working on hard-to-reach areas, inside corners and bevels - High brushing capacity due to knotted wire design - Excellent for cleaning larger surfaces - Removal of scale, rust, paint, slag, etc.

Diameter x Width in mm	Thread/Shaft	Fill material	Wire thickness in mm	Fill length in mm	Number of knots	Max. RPM	Packing unit/pcs.	Cat. number
100 x 14	thread M14	Steel	0,50	20	18	12500 rpm	1	358327
100 x 14	thread M14	Stainless steel	0,50	20	20	12500 rpm	1	358329
115 x 14	thread M14	Steel	0,50	22	18	12500 rpm	1	358328
115 x 14	thread M14	Stainless steel	0,50	22	20	12500 rpm	1	358330

Cup-shaped brush with thread, knotted wire

BT 600 Z



NEW !



Applications

Steel	●
Stainless steel	●

Advantages: For aggressive brushing work on large, flat surfaces - For preparing metal surfaces before varnishing - Stable knotted wire design for easy cleaning and removal of slag, rust, scale and concrete residues

Diameter in mm	Thread/Shaft	Fill material	Wire thickness in mm	Fill length in mm	Number of knots	Max. RPM	Packing unit/pcs.	Cat. number
65	thread M14	Steel	0,35	22	18	12500 rpm	1	358334
65	thread M14	Steel	0,50	22	18	12500 rpm	1	358335
65	thread M14	Stainless steel	0,50	22	18	12500 rpm	1	358340
80	thread M14	Steel	0,50	22	20	8500 rpm	1	358337
100	thread M14	Steel	0,50	27	22	8500 rpm	1	358338

Wire brushes

Cup-shaped brush, crimped wire

BT 600 W



NEW



Applications

Steel	●
Stainless steel	●

Advantages: Ideal tool for cleaning and clearing profiled or uneven surfaces, e.g. checker plate - For medium-duty brushing work, derusting and removing paint, impurities and paint residues - Material-saving work - For processing very thin sheet metal, e.g. car workshops and restoration companies

Diameter in mm	Thread/Shaft	Fill material	Wire thickness in mm	Fill length in mm	Max. RPM	Packing unit/pcs.	Cat. number
65	thread M14	Steel	0,30	21	12500 rpm	1	358372
65	thread M14	Stainless steel	0,30	21	12500 rpm	1	358377
80	thread M14	Steel	0,30	24	8500 rpm	1	358373
80	thread M14	Stainless steel	0,30	24	8500 rpm	1	358326
100	thread M14	Steel	0,30	27	8500 rpm	1	358375

Wheel brush with shaft, knotted wire

BRS 600 Z



NEW



Applications

Steel	●
Stainless steel	●

Advantages: Knotted design for rough brushing work and long service life - For efficient work in hard-to-reach areas such as grooves, flutes and depressions - Deburring of cut edges, removal of scale, paint and slag

Diameter x Width x Shaft in mm	Total length in mm	Fill material	Wire thickness in mm	Fill length in mm	Number of knots	Max. RPM	Packing unit/pcs.	Cat. number
75 x 12 x 6	37	Steel	0,50	19	15	25000 rpm	10	358320
75 x 12 x 6	37	Stainless steel	0,50	19	15	25000 rpm	10	358321

Wheel brush with shaft, crimped wire

BRS 600 W



NEW !



Applications

Steel	●
Stainless steel	●

Advantages: Crimped wire design for gentle cleaning of small to medium surfaces - Especially suitable for components with difficult access such as beads and flanged edges - Good brushing performance even with profiled workpieces

Diameter x Width x Shaft in mm	Total length in mm	Fill material	Wire thickness in mm	Fill length in mm	Max. RPM	Packing unit/pcs.	Cat. number
30 x 9 x 6	40	Steel	0,20	6	20000 rpm	20	358346
30 x 9 x 6	40	Stainless steel	0,20	6	20000 rpm	20	358357
40 x 9 x 6	40	Steel	0,20	11	18000 rpm	20	358348
40 x 9 x 6	40	Stainless steel	0,20	11	18000 rpm	20	358358
50 x 9 x 6	40	Steel	0,30	13	15000 rpm	10	358354
50 x 9 x 6	40	Stainless steel	0,30	13	15000 rpm	10	358359
60 x 14 x 6	44	Steel	0,30	18	15000 rpm	10	358355
60 x 14 x 6	44	Stainless steel	0,30	18	15000 rpm	10	358360
70 x 16 x 6	48	Steel	0,30	20	15000 rpm	10	358356
70 x 16 x 6	48	Stainless steel	0,30	20	15000 rpm	10	358362

Wheel brush with shaft, polyamide bristles

BRS 600 P



NEW !



Applications

Stainless steel	●
NF metals	●
Wood	●

Advantages: Abrasive bristles of polyamide interspersed with silicon carbide (SiC) grain for working with light contact pressure - Ideal for structuring and paint stripping of wooden components - Removal of oxide layers on non-ferrous metals or of tarnish colours on stainless steel components, e.g. filled rods on stainless steel railings

Diameter x Width x Shaft in mm	Total length in mm	Fill material	Fill length in mm	Max. RPM	Packing unit/pcs.	Cat. number
50 x 9 x 6	45	Polyamide SiC grit 120	10	6000 rpm	10	358364
50 x 9 x 6	45	Polyamide SiC grit 320	10	6000 rpm	10	358366
70 x 12 x 6	45	Polyamide SiC grit 120	14	4500 rpm	10	358367
70 x 12 x 6	45	Polyamide SiC grit 320	14	4500 rpm	10	358369

Wire brushes

Cup-shaped brush with shaft, crimped wire

BTS 600 W



NEW !



Applications

Steel	●
Stainless steel	●

Advantages: Ideal tool for cleaning small and medium-sized surfaces - Crimped wire ideal for fine machining or surface preparation of steel or stainless steel - Removes paint, rust and incrustations

Diameter x Shaft in mm	Total length in mm	Fill material	Wire thickness in mm	Fill length in mm	Max. RPM	Packing unit/pcs.	Cat. number
50 x 6	70	Steel	0,30	24	13000 rpm	20	358331
50 x 6	70	Stainless steel	0,30	24	13000 rpm	20	358332

End brush with shaft, knotted wire

BPS 600 Z



NEW !



Applications

Steel	●
Stainless steel	●

Advantages: Tool diameter changes depending on the rotation speed - Perfectly suited for working on pipe inner surfaces or bores - High brushing effect due to knotted wire design

Diameter x Shaft in mm	Total length in mm	Fill material	Wire thickness in mm	Fill length in mm	Number of knots	Max. RPM	Packing unit/pcs.	Cat. number
19 x 6	70	Steel	0,35	25	6	20000 rpm	20	358333
19 x 6	70	Stainless steel	0,35	25	6	20000 rpm	20	358336
22 x 6	70	Steel	0,35	25	8	20000 rpm	10	358339
22 x 6	70	Stainless steel	0,35	25	8	20000 rpm	10	358341
30 x 6	72	Steel	0,35	25	12	20000 rpm	10	358344
30 x 6	72	Stainless steel	0,35	25	12	20000 rpm	10	358345

End brush with shaft, crimped wire

BPS 600 W



NEW !

Applications

Steel	●
Stainless steel	●

Advantages: For fine machining and removal of light burrs in pipes or bores - Well suited for processing and cleaning moulds and die-cast parts - Very soft and adaptable tool



Diameter x Shaft in mm	Total length in mm	Fill material	Wire thickness in mm	Fill length in mm	Max. RPM	Packing unit/pcs.	Cat. number
12 x 6	70	Steel	0,30	25	20000 rpm	30	358350
12 x 6	70	Stainless steel	0,30	25	20000 rpm	30	358351
25 x 6	75	Steel	0,30	25	18000 rpm	10	358347
25 x 6	75	Stainless steel	0,30	25	18000 rpm	10	358352
30 x 6	75	Steel	0,30	25	18000 rpm	10	358349
30 x 6	75	Stainless steel	0,30	25	18000 rpm	10	358353

Wire brushes

Hand brush with wooden body

BH 600



NEW



Applications

Steel	●
Stainless steel	●
NF metals	●

Advantages: Hand brush with wooden handle for manual removal of rust, dirt and paint

Length in mm	Effective length in mm	Fill length in mm	Fill material	Structure	Number of rows	Wire thickness in mm	Packing unit/pcs.	Cat. number
290	125	25	Steel	Straight	2	0,35	12	358361
290	125	25	Steel	Straight	3	0,35	12	358376
290	125	25	Steel	Straight	4	0,35	12	358365
290	125	25	Steel	Straight	5	0,35	12	358363
290	125	25	Stainless steel	Straight	3	0,30	12	358368
290	125	25	Stainless steel	Straight	4	0,30	12	358370
290	125	25	Brass	Crimped	3	0,35	12	358371
290	125	25	Brass	Crimped	4	0,35	12	358374

Hand brush with plastic handle

BHP 600



NEW



Applications

Steel	●
Stainless steel	●
NF metals	●

Advantages: Comfortable handling due to ergonomically shaped plastic handle - Crimped wire design for gentle cleaning of steel, stainless steel and non-ferrous metals

Length in mm	Effective length in mm	Fill length in mm	Fill material	Structure	Wire thickness in mm	Packing unit/pcs.	Cat. number
265	140	25	Steel	Crimped	0,30	24	358323
265	140	25	Stainless steel	Crimped	0,30	24	358324
265	140	25	Brass	Crimped	0,30	24	358325

V-shaped scratch brush

BHK 600



NEW !



Applications

Steel	●
Stainless steel	●
NF metals	●

Advantages: V-shaped wire fill ideal for cleaning and cleansing fillet and V-type welds - Well suited for working in hard-to-reach areas, e.g. corners or angles

Length in mm	Effective length in mm	Fill length in mm	Fill material	Structure	Number of rows	Wire thickness in mm	Packing unit/pcs.	Cat. number
290	125	25	Steel	Straight	3	0,35	12	358378
290	125	25	Stainless steel	Straight	3	0,30	12	358379

Spark plug brush

BHZ 600



NEW !
























Applications





















Steel	●
Stainless steel	●
NF metals	●

Advantages: Soft brass or stainless steel wire suitable for fine brushing work - Ideal for the gentle cleaning of contact surfaces, e.g. spark plugs or electrodes

Length in mm	Effective length in mm	Fill length in mm	Fill material	Structure	Number of rows	Wire thickness in mm	Packing unit/pcs.	Cat. number
150	45	17	Brass	Crimped	3	0,17	25	358322
150	45	17	Stainless steel	Crimped	3	0,17	25	358463

Klingspor top seller for metalworking

Step	Machine	Type	Material	Description	Dimensions [mm]		Item no.
1. Cutting off			A 60 EXTRA	<ul style="list-style-type: none"> ▶ Exceptional price-performance ratio ▶ Suitable for a material thickness of 1.5 to 5 mm 	115 × 1	-	262936
					125 × 1	-	262937
			A 60 TZ SPECIAL BEST SELLER	<ul style="list-style-type: none"> ▶ Short cutting times ▶ Wide range of applications ▶ Suitable for a material thickness of 1.5 to 5 mm ▶ Free of iron, sulphur and chloride 	115 × 1	-	202400
					125 × 1	-	202401
			EDGE SPECIAL PROFESSIONAL	<ul style="list-style-type: none"> ▶ High-performance cutting-off wheel with self-sharpening abrasive grain ▶ First-rate cutting performance combined with a long lifetime ▶ Wide range of applications ▶ Packaged in units of 25 in the Kronenflex® Tub for 40% more performance ▶ Free of iron, sulphur and chloride 	115 × 1.2	-	355379
					125 × 1.2	-	355380
			A 346 EXTRA	<ul style="list-style-type: none"> ▶ Suitable for a material thickness of 5 to 10 mm ▶ Exceptional price-performance ratio ▶ Free of iron, sulphur and chloride 	115 × 1.6	-	340936
					125 × 1.6	-	340938
			A 46 TZ SPECIAL BEST SELLER	<ul style="list-style-type: none"> ▶ Suitable for universal use on steel and stainless steel (INOX) ▶ First choice for professional applications ▶ Suitable for a material thickness of 5 to 10 mm ▶ Free of iron, sulphur and chloride 	115 × 1.6	-	187170
					125 × 1.6	-	187171
					230 × 1.9	-	224084
			A 24 EXTRA	<ul style="list-style-type: none"> ▶ Tried and tested millions of times ▶ Outstanding price-performance ratio ▶ Suitable for an exhaustive range of metal processing applications 	115 × 2.5	-	188461
					125 × 2.5	-	188463
					230 × 3	-	13492
2. Weld seam preparation			A 330 EXTRA PRICE	<ul style="list-style-type: none"> ▶ Short cutting times with a long lifespan ▶ Recommended for all common profiles ▶ Suited for all chop saws used in trade and industry 	300 × 2.5 × 25.4	-	53327
					350 × 2.5 × 25.4	-	339069
					406 × 3.0 × 25.4	-	53329
			A 930 N SPECIAL PERFORMANCE	<ul style="list-style-type: none"> ▶ Ultimate aggressiveness and service life for universal use ▶ A particularly good choice for cutting solid material 	300 × 2.5 × 25.4	-	322627
					350 × 3 × 25.4	-	322628
			A 24 EXTRA BEST SELLER	<ul style="list-style-type: none"> ▶ Grinding disc with top work results ▶ Outstanding price-performance ratio ▶ Suitable for an exhaustive range of metal processing applications 	115 × 6	-	188465
					125 × 6	-	188466
					230 × 6	-	13447
			CS 561	<ul style="list-style-type: none"> ▶ Standard fibre disc for universal use available for coarse grinding (grit 16) – fine grinding (grit 320) ▶ Sturdy fibre backing ▶ Outstanding price-performance ratio 	115 × 22	36	10980
						40	10981
						60	10983
					125 × 22	36	11012
						40	11013
						60	11015
			CS 565 ZIRCONIA ALUMINA	<ul style="list-style-type: none"> ▶ Fibre disc with zirconia alumina – self-sharpening ▶ High aggressiveness on steel and stainless steel ▶ Ideal for rough grinding applications ▶ Matching backing pads: ST 358 and ST 358 A 	115 × 22	36	6686
						40	242801
						60	6687
					125 × 22	36	6620
						40	242803
						60	6721

Step	Machine	Type	Material	Description	Dimensions [mm]	Grit	Item no.
2. Weld seam preparation			FS 966 CERAMIC	<ul style="list-style-type: none"> Fibre disc with ceramic aluminium oxide – self-sharpening Ultimate aggressiveness on stainless steel Cool grinding performance thanks to multibond Matching backing pads: ST 358 and ST 358 A 	115 × 22	36	316490
						60	316492
					125 × 22	36	316494
						60	316496
			SMT 324 EXTRA	<ul style="list-style-type: none"> Universal usability for edge and face machining High removal rates on all angle grinders No vitrification even at little tool pressure 	115 × 22	40	321509
					125 × 22	40	321510
			SMT 624 SUPRA	<ul style="list-style-type: none"> For demanding grinding tasks Aggressive stock removal rate combined with superbly smooth grinding Singular stock removal performance when used with high-speed angle grinders 	115 × 22	40	322765
					125 × 22	40	322772
						60	322774
			QMC 412	<ul style="list-style-type: none"> Suitable for universal coarse and intermediate grinding applications Matching backing pads: QMC 555 	Ø 38 mm	60	295177
						80	295178
						120	295180
					Ø 50 mm	60	295199
						80	295200
						120	295202
3. Fine grinding and finishing			KL 361 JF	<ul style="list-style-type: none"> High-quality abrasive cloth suitable for universal use Optimum shaping to the contours of the workpiece Can be torn off the roll in a perfectly clean and easy manner 	50 × 50000	80	3852
						120	3854
						180	3856
						240	3858
			WSM 617	<ul style="list-style-type: none"> Universal usability; both the face and the sides can be used Simple tool change by hand, no additional tools 	125 × 20 - M14	40	277018
						60	277019
						120	277021
			KM 613	<ul style="list-style-type: none"> Universal tool for metalworking Consistent stock removal Ideal for hard-to-access places 	40 × 20 × 6	40	12942
						60	12943
					60 × 30 × 6	40	13050
						60	13051
			SMT 850 Plus 2 IN 1	<ul style="list-style-type: none"> Especially suited for machining of TIG and MIG weld seams on stainless steel components Stock removal and finishing in one step Even finish throughout the entire service life 	115 × 22	Medium	312557
					125 × 22	Medium	312560
4. Cleaning			NRO 400	<ul style="list-style-type: none"> Very good adaptation to surface contours No clogging Ideal for surface finishing Suitable for wet and dry use 	100 × 10000	Medium	258870
						Very fine	258873
			SMT 800	<ul style="list-style-type: none"> High-quality non-woven mop disc for stainless steel finish work Optimal results when used on variable speed angle grinders Three grades 	115 × 22	Medium	278496
					125 X 22	Medium	278499

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