

IMPORTANT ICONS & PICTOGRAMS AT A GLANCE



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osborn 2013



PRODUCT CATALOGUE

Item no. 625522026/02-2013

**WELCOME
...to Osborn**

THE NO. 1 IN SURFACE TREATMENT

So you finish first.

Osborn is a supplier of **tools for surface treatment and finishing solutions that set standards for others to follow.**

Over 100 years of experience is reflected in each of our products.

Our **passion for outstanding performance** means we strive each day to make your work better, faster and more professional by using the right tools. Today, we even exceed global standards for quality, reliability, performance and perfection. But we do not just rest on our laurels - we go on striving for continuous improvements.



Finishing products from Osborn – always the right choice.

Our **manufacturing and test facilities are state of the art.** We meet the strict quality criteria of ISO 9001:2008 and manufacture in accordance with EC standards EN 1083-1 and EN 1083-2.

All our products also meet the high performance requirements of the American National Safety Institute (ANSI). We are very proud to be the **first brush manufacturer to receive certification from TÜV-SÜD** for more than 650 items in our product range.

We achieve all this because we can call on a global network of experts at manufacturing plants in more than 15 countries, and efficiently combine their innovative power.

That is how since 1887 we have enabled customers in over 100 countries to achieve their goals. And they were the first to do so!

Osborn. Finish. First.

SUBSIDIARIES
IN
15
COUNTRIES

SALES OFFICES
IN
23
COUNTRIES

SERVICE
IN
120
COUNTRIES

MORE
THAN
2000
EMPLOYEES WORLDWIDE

SERVICES

... exclusively for you

THE BEST SERVICE AT ALL LEVELS

From the experience of a strong partner.

We have been making professional tools for a wide range of applications for more than 100 years. During that time, we have accumulated a wealth of knowledge and broad-ranging know-how in all areas. Our customers profit from this on a daily basis. Over the years, we have also brought other companies into our family group, enabling us to expand our expertise even further.

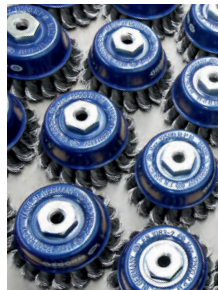
Our knowledge and experience allow us today to make tools with real appeal for our customers.

Good service for us means developing products that meet the highest demands.

Good to look at. Perfect to use.

A good tool has to feel right in the hand and harmonise 100% with the machine. That is why we place great value on the ergonomics and handling of our products. Osborn tools are designed to suit all common machines and are also tested thoroughly on them.

Good service for us means developing products that make your work easier.



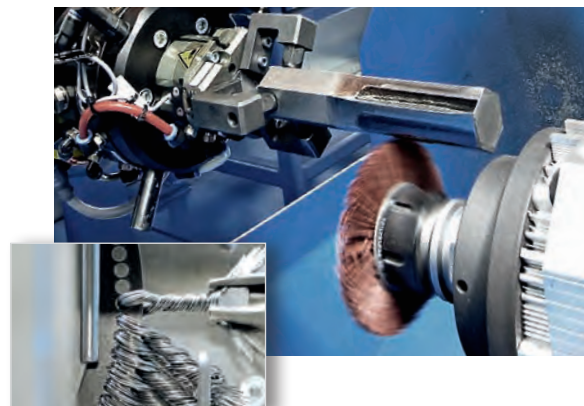
In our R&D centre, we use the latest technology to achieve maximum ease of use and safety in every application.

Developed with passion.

Tested without excuses.

We develop products ideally suited to the needs and demands of our customers, whether from our extensive standard range or as customer-specific solutions. In addition to undergoing our own, thorough test procedures, many of our products are certified by TÜV-SÜD as meeting the most stringent requirements in terms of quality and safety.

Good service for us means uncompromising quality in every respect.



Competence before discipline.

Thanks to our work in innumerable sectors of industry, we have developed comprehensive know-how when it comes to surface treatment and finishing solutions. Our application engineers throughout the world exchange views with customers and colleagues so everyone can benefit from the experience gained. This knowledge transfer leads us to innovative product developments which are ahead of their time.

Good service for us means staying inquisitive and alert so we can design the best tools for our customers.



Ideas for the trade. Satisfaction for the customer.

We are there for our trade partners as a skilled manufacturer and experienced distributor. For us, this includes accurate market tracking and analysis of requirements to enable us to develop tailor-made products for our consumers.

With our new packaging and innovative POS approach, we stand out from our competitors in the retail market and provide our trading partners with positive purchasing experiences that appeal to consumers.

Good service for us means sharing success around.



➔ Details on packaging and full information for dealers can be found in the POS section.

Always there for you. Everywhere.

As a full-range supplier, we provide the entire gamut of tools and solutions for surface finishing. Our partners benefit from a strong, world-wide network and our fast-response field service. Our individually tailored production and logistics solutions save our partners time, money and space.

Good service for us means always being on the spot.



PLAY IT SAFE WITH OSBORN

Safety with a seal. More than 650 Osborn products now with TÜV certification.

Osborn quality is not just a promise but is signed and sealed. More than 650 of our products have been certified by TÜV-SÜD. This makes Osborn products the only ones on the market to meet the highest standards of quality and safety.

Our quality standard: to always have the best tool for every job.

That is why we combine top-quality raw materials, years of experience, high-precision manufacturing methods and meticulous finishing so our customers can rely on Osborn.



+



Osborn: Officially good!

A TÜV seal means "tested without compromise" and indicates quality at the first glance. Osborn is the only manufacturer in its sector to obtain this certification. This sets Osborn clearly apart from its competitors. A resounding commitment for the consumer.



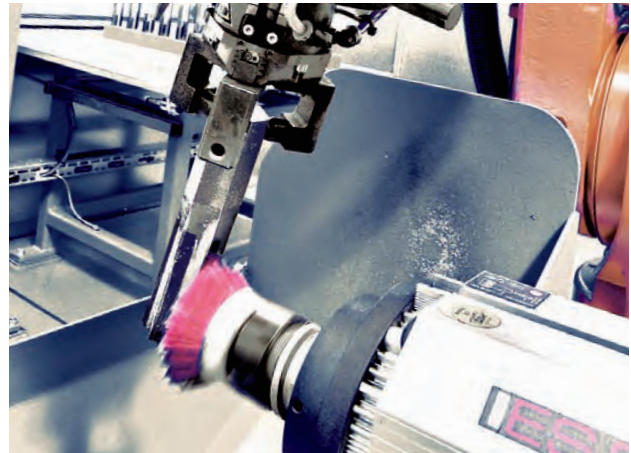
TÜV/SAFETY

Certified brand-name tools

Unique tool. Repeated testing.

All products undergo a wide variety of tests. In addition to these checks, all our products are subjected to our own, comprehensive tests in order to guarantee the Osborn quality standard.

Our customers benefit time and again from double quality testing which ensures consistently high standards in terms of materials, finish and safety.



TÜV
assurance



Visible quality.

The TÜV seal on the new packaging catches the eye immediately. Clearly visible on the shelf, the seal tells consumers immediately that Osborn quality has gained official confirmation. Aside from metre performance, the seal provides transparent and quickly grasped information about the product.

The new Osborn packaging: quick, informative and transparent.

→ Detailed information on the new packaging can be found in the POS section.

THE OSBORN ADVANTAGE

With its TÜV certification, Osborn promises more than just a quality commitment. Osborn products have proven they perform as promised – under all conditions. This clearly makes Osborn the first choice when it comes to superbly manufactured tools of unbeatable quality.

METRE PERFORMANCE

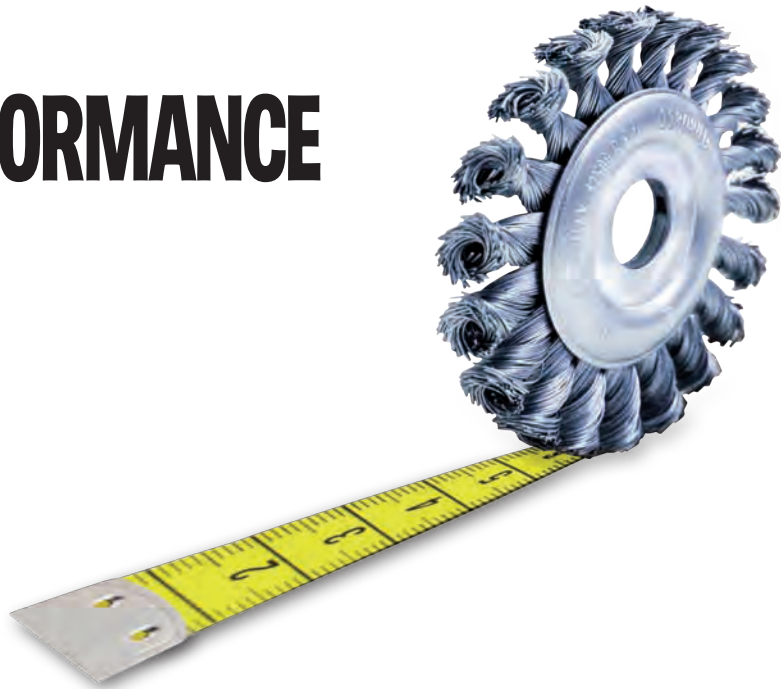
Why only metre performance matters

ONLY THE METRE PERFORMANCE MATTERS

Pure performance at a glance.

At Osborn, the focus is on the consumer. We have developed the concept of metre performance to provide faster and transparent evidence of product performance.

This helps not only with demand planning for individual projects, but speaks a clear, unambiguous language.



Strong brand. Strong service.

Metre performance gets straight to the point. It makes performance tangible and provides extremely helpful information for the consumer. With metre performance, Osborn provides clear evidence of product performance and therefore a genuine and convincing service for our customers.

Plan perfectly. Work economically.

Service life information alone makes it difficult for the user to estimate material requirements accurately.

No-one knows exactly how long it will take to finish a surface, but the size of the surface is easy to determine. The metre performance makes work efficient and economical. Purchasing according to need saves on time, money and stress.



Requirements are easy to calculate:

length times width - that is all you need to know for an accurate purchase at Osborn.

Find information easily.

Metre performance on the new Osborn packaging: quick to find, easy to understand.

→ More information on the new packaging can be found in the POS section.

METRE PERFORMANCE

Why only metre performance matters

THE NEW OSBORN TEST ROBOT

Accurate testing without compromise.

At Osborn, we use a state-of-the-art industrial robot to determine the exact metre performance of our products. This robot provides extremely precise test results and can carry out a wide variety of tests under identical conditions.

As well as providing pure performance data, the robot helps us through continuous monitoring to guarantee a consistent quality standard. Complex processes are easily replicated using realistic simulations to optimise the tool.



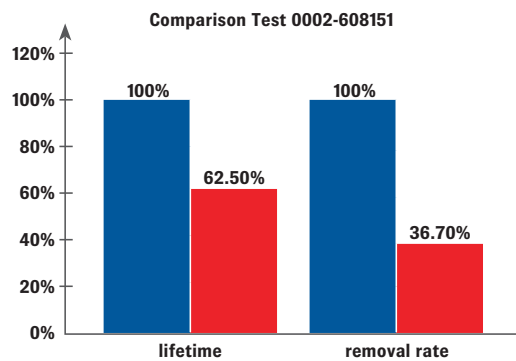
Test robot at Burgwald/Germany plant

Performance testing and comparison.

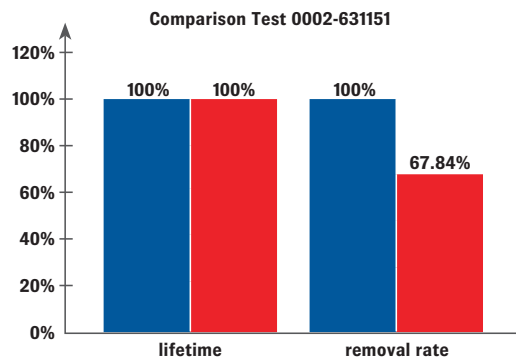
Quality standard, design, material and metre performance are not the only thorough tests our high-quality brushes undergo continuously on the test bench.

We repeatedly test to ensure that our tools also meet all performance and design criteria.

Metre performance



Test results for Osborn knotted wire cup brushes.



Test results for Osborn knotted wire cup brushes.

Lifetime
Removal Rate

■ Osborn brushes
■ Brush comparison

THE OSBORN ADVANTAGE

With its metre performance information, Osborn is the only manufacturer to confirm product performance directly and clearly.

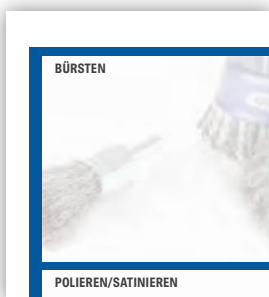
PRODUCT FINDER

The fastest way to the best tool

The whole range at a glance.

You start by deciding what you will be doing with the tool: brushing, polishing, satinising, grinding or a job needing one of our special tools.

→ See right-hand page.

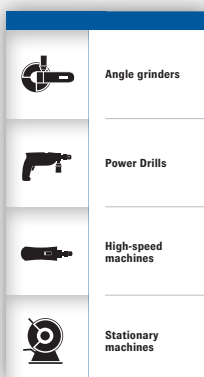


1.

Products arranged by machine type.

The icons and the easy access system help you quickly find the right tool for your surface treatment needs.

→ See right-hand edge of catalogue starting at the "Product overview" page.



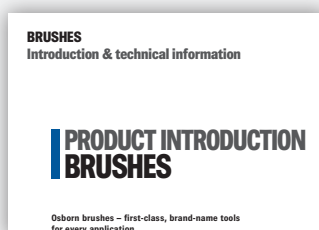
2.

Your tool in detail.

Once you have chosen a tool, the product introduction tells you all its main, important features.

→ Product introductions can be found at the start of each chapter, **before** the main page.

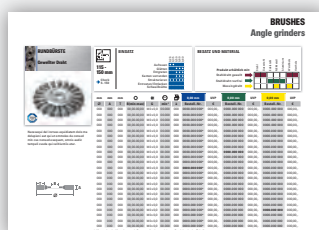
Additional, machine-specific information is located separately on the main pages **before** the products.



3.

The right one for the job.

Clearly arranged in tables to make it easy for you to choose the right tool for the job. All information such as trim material, machine type and technical details at a glance.



Trim materials:

- Steel wire, knotted
- Steel wire, crimped/flat
- Steel wire, stainless
- Brass wire
- Abrasive bristle
- Nylon
- Natural bristle

Product illustration:

G = diameter (brush)
A = operating width
A = keyway width (axle disc)
T = trim length
L = length
K = body width
B = bore (machines)
B = width (hand brushes)
G = thread
F = chuck capacity
C = keyway height
S = shank diameter
R = tube
W = workpiece diameter

Products with this label are TUV-certified.

→ For more information, see pp. 4/5

Symbols:

- bore
- thread
- Max. rotation
- Pcs.
- UVP
- RRP

A simple colour system indicates the trim material. Important extra information such as diameter, trim length or body width is included in the caption to the product illustration.

Detailed explanations can be found on the fold-out at the back of the catalogue.

PRODUCT OVERVIEW

The fastest way to the best tool

Product
overview

BRUSHES



POLISHING/SATINISING



GRINDING



INTERNAL FINISHING



INFORMATION & CONCEPTS FOR DEALERS

POS

BRUSHES









Introduction & technical information

PRODUCT INTRODUCTION BRUSHES

Osborn brushes – first-class, brand-name tools for every application.

There are any number of tasks and applications for a brush. But it is not just the job that determines which brush to use. The tool used and the surface to be finished are equally important. To ensure you always have the best brush in each case, you should entrust your surfaces to a brand-name brush. This is the only way to guarantee that everything from trim material to brush shape is correct.

Overview of the most common machine brushes:

<p>Wheel brushes</p>  <p>For finishing solid or hollow rods, profiles, welded seams, cut edges, gears, grooves, narrow areas.</p> 	<p>Cup brushes</p>  <p>Efficient finishing of large areas, welding seams and metal plates.</p> 	<p>End brushes</p>  <p>Accurate finishing of inaccessible places and inner surfaces.</p> 	<p>Bevel brushes</p>  <p>Ideal tool for finishing corners, edges or inaccessible places, as well as surface cleaning.</p> 	<p>Flap wheel brushes</p>  <p>Can also be used without problems in drills because of the light plastic body.</p> 
<p>Hand brushes and bristles</p>  <p>For universal use.</p> 		<p>Tube & internal brushes</p>  <p>Ideal for finishing drill holes, threads or cross holes (internal finishing chapter).</p> 		

THE OSBORN ADVANTAGE

Osborn has the right brush for every application. As a professional partner to trade and industry, Osborn sells high-performance tools suitable for all applications throughout the world. You can rely on Osborn's many years of experience and skill.

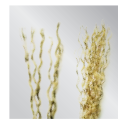
Trim materials: the right material for every application

For our high end products, we only use trim materials that we have developed ourselves or which have been specifically selected. Constant laboratory tests ensure high material quality. Your Osborn tool is always perfectly suited to a certain type of brushing work. Our technical sales department will be pleased to advise you on the ideal trim material for your given application.



Steel wire, crimped

- Most common trimming material
- For flexible brushing tools
- Suitable for light surface treatment and deburring operations



Brass-coated steel wire, cord wire

- Cord wire with high tensile strength
- For demanding brushing and deburring operations, suitable for structuring



Steel wire, straight or knotted

- For extreme brushing requirements
- For brushing tools with less flexibility
- Ideal for cleaning weld seam and removing heavy deposits of scale or corrosion



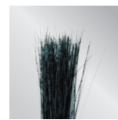
Tampico fibre

- Pure plant fibre
- For wet and dry cleaning operations
- Heat-resistant
- In combination with compound also suitable for polishing



Osborn special steel wire, crimped or knotted

- Heavy duty steel wire with high tensile strength
- High elongation and long brush life
- For extreme brushing demands



Horse hair

- Animal hair
- For light cleaning operations
- Suitable for sealing



Stainless steel wire, crimped, straight or knotted

- Most commonly used alloy 1.4310 (1.4401/ 1.4571 available on request)
- This wire is used where residue from normal steel wire would contaminate surfaces such as stainless steel, aluminium and other non-ferrous metals.



Synthetic filaments

- Highly flexible
- Resistant to weak acids and alkaline solutions
- Wear resistant



Brass wire

- Surface finishing on non-ferrous materials (copper and brass)



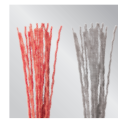
Abrasive filament, aluminium oxide

- Nylon filaments impregnated with abrasive grit
- Light deburring of steel and non-ferrous metals



Brass-coated steel wire, mono wire

- Single wires
- High tensile strength
- For demanding brushing and deburring operations



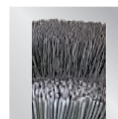
Abrasive filament, silicon carbide

- Nylon filaments impregnated with silicon carbide
- Uniform performance as new abrasive particles come to the surface
- High elasticity with no danger of breakage
- Long brush life
- For deburring/descaling, roughening and grinding



Novoflex-B

- Abrasive spheres on a flexible structure
- Self-centring
- Creation of surfaces with a high contact ratio (plateau finish)



Novofil

- High-performance, high-tech material
- Flat or round filaments
- Broad range of materials, different degrees of hardness
- For deburring and internal finishing

Brush trim and material suitability.

The trim material determines the suitability of the selected brush for the surface to be finished.

A quick overview of the suitability of your brush can be found in the trim and material charts in the info headings on the product pages.

TRIM AND MATERIAL

Product available with:	Steel	Cast iron	Stainless steel	Non-ferrous metal	Aluminium	Softwood	Hardwood
Steel wire, crimped	■	■					■
Steel wire, stainless			■	■	■		
Brass wire				■		■	

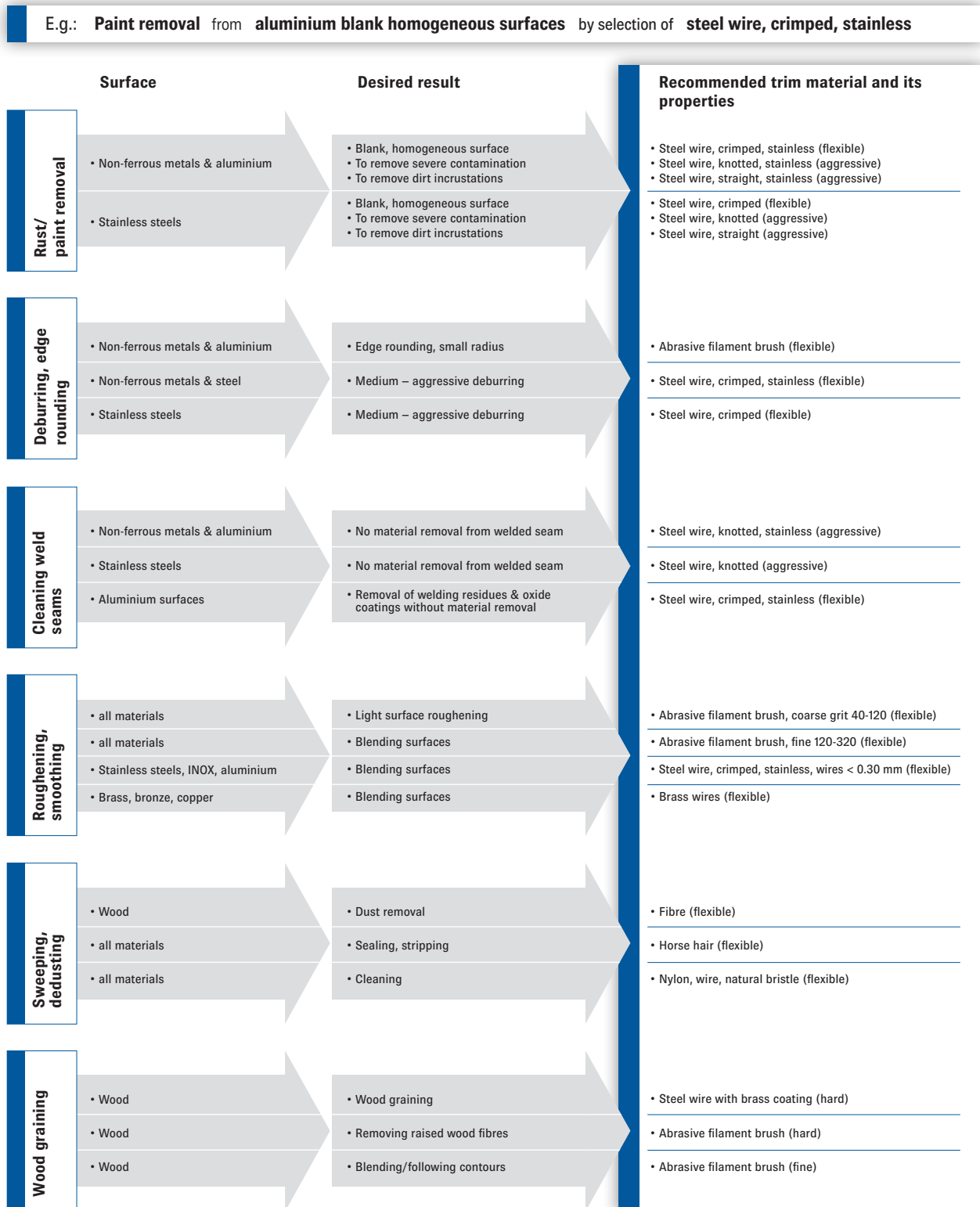
Simple equation:
the right trim for the material being finished.

BRUSHES

Introduction & technical information

Easy identification of the best trim material.

The correct choice of trim material is very important in obtaining the best surface finish, because the desired result will only be achieved by correctly matching the trim to the surface material being finished. The illustration below clearly explains the relationships involved in each stage of the process.



TECHNICAL INFORMATION



Safe and operating speeds

The workplace safety regulations require the maximum safe speed to be observed. Details can be found in the product overview in this catalogue, on the packaging and on the brush itself (see fig.). The **definition of operating speed is based on the peripheral speed and brush diameter**. The ideal operating speed is generally significantly lower than the safe speed.



Operating and clamping width of the brush

The **operating width** describes the contact surface between brush and workpiece. Press the trim together slightly to measure the operating width. The **clamping width** is measured between the washers (see fig. left). **Contact us for more information on the clamping width.**



Brush diameter and trim length

The relationship between the diameter of the brush (brush body) and the length of the trim determines how the brush operates. Generally speaking:

Soft, flexible brushes, e.g. for finishing structured workpieces or surface cleaning.



More aggressive brushing, e.g. for deburring or removing impurities.

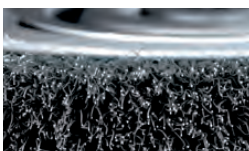


Ideal position of brush in relation to workpiece

The contract pressure of a brush is defined by factors such as its insertion depth in the workpiece.

Our recommendation is 3 times the filament diameter, e.g. 1.0 mm insertion depth for a wire thickness of 0.35 mm.

The ideal position also ensures less wear. Our application engineers will be glad to advise.



Brush trim density

The trim density is determined by the number of wire tips per surface unit.

High trim densities are best for cutting performance and service life (e.g. deburring).

Lower trim densities increase brush flexibility and are required for finishing intricately shaped surfaces.

Any questions? We will be glad to help: service@osborn.de

BRUSHES

Introduction & technical information

Important safety instructions

For **efficient and safe use**, always choose the maximum possible brush diameter that can be fitted to the grinder.

As mentioned in the section on operating speeds, the brush diameter defines the **peripheral speed**. It can also affect brush performance.

The table below provides a summary.

Installation instructions

Please read before fitting the brush:

- The speed of the drive shaft on your machine should not exceed the maximum safe speed of the brush.
- The length of the shaft should be sufficient to ensure a firm fit in the chuck.
- Brushes with a clamping shank can be installed without problems in standard collet chucks.
- The connecting threads on the brushes have flats for simple installation and removal.

rpm	Brush diameter in mm											
	20	40	50	80	100	125	150	180	200	250	300	350
800				3.35	4.19	5.23	6.28	7.53	8.37	10.47	12.56	14.75
900			2.35	3.77	4.71	5.88	7.06	8.48	9.41	11.77	14.12	16.47
1,150			3.01	4.81	6.01	7.52	9.02	10.83	12.03	15.04	18.04	21.04
1,200	1.25	2.51	3.14	5.02	6.28	7.85	9.41	11.30	12.55	15.69	18.83	21.97
1,400	1.46	2.93	3.66	5.86	7.32	9.15	10.98	13.18	14.64	18.31	21.97	25.63
1,500	1.57	3.14	3.92	6.28	7.85	9.81	11.77	14.13	15.69	19.61	23.54	27.46
1,800	1.88	3.77	4.71	7.54	9.41	11.77	14.12	16.95	18.83	23.54	28.24	32.95
2,000	2.09	4.19	5.23	8.37	10.26	13.08	15.69	18.84	20.92	26.15	31.38	36.61
2,500	2.62	5.23	6.54	10.47	13.08	16.35	19.61	23.55	26.15	32.67	39.23	45.76
2,800	2.93	5.86	7.32	11.72	14.64	18.31	21.97	26.37	29.29	36.61	43.93	51.25
3,000	3.14	6.28	7.85	12.56	15.69	19.62	23.54	28.26	31.38	39.23	47.07	54.92
3,200	3.35	6.70	8.37	13.40	16.74	20.92	25.10	30.14	33.47	41.84	50.12	58.58
3,500	3.66	7.33	9.15	14.65	18.31	22.89	27.46	32.97	36.61	45.76	54.92	64.07
4,000	4.19	8.37	10.46	16.75	20.92	26.16	31.38	37.68	41.84	52.33	62.76	73.22
4,500	4.70	9.42	11.77	18.84	23.54	29.43	35.30	42.40	47.07	58.84	70.61	82.43
5,000	5.23	10.47	13.08	20.93	26.15	32.70	39.23	47.10	52.33	65.38	78.50	
5,400	5.65	11.30	14.12	22.94	28.24	35.31	42.36	50.67	56.48	70.61	84.78	
6,000	6.28	12.56	15.69	25.12	31.38	39.24	47.07	56.52	62.76	78.50		
7,000	7.33	14.66	18.31	29.31	36.61	45.78	54.92	65.94	73.22	91.58		
8,000	8.37	16.75	20.92	33.94	41.48	52.32	62.76	75.36	83.73			
9,000	9.42	18.84	23.54	37.68	47.07	58.86	70.61	84.78	94.20			
10,000	10.47	20.93	26.17	41.86	52.33	65.40	78.50	94.20				
12,500	13.08	26.17	32.71	52.33	65.42	81.75	98.13					
15,000	15.70	31.40	39.25	62.80								
17,500	18.32	36.63	45.79	73.26								
20,000	20.93	41.87	52.33	83.73								
22,500	23.55	47.10	58.88	94.20								
25,000	26.17	52.33	65.42	104.66								

Safe peripheral speeds:

Guide values for safe peripheral speeds are, for example, 30-35 m/sec. for brushes with crimped wire, and 18-22 m/sec. for brushes with abrasive filaments and synthetic compound trim materials.

Brushes with knotted wire should be used in angle grinders at max. 85 m/sec., and stationary machines at max. 45 m/sec.



Important:

Hand tools should only be fitted with brushes up to a max. OD of 180 mm.



General safety instructions



Wear protective clothing to protect yourself from injury.



More safety instructions and examples of usage can also be found on the Internet.



For more information*



www.osborn-app.com

* Network charges apply for the use of mobile websites.

BRUSHES FOR ANGLE GRINDERS

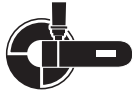


BRUSHES

Angle grinders

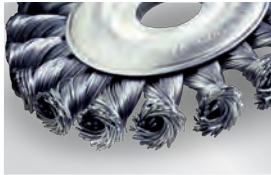
Important user information

Brushes for angle grinders



To be noted when selecting brushes and using angle grinders:

1. Typical brush types for angle grinders



Wheel brushes

Available with knotted and crimped wire.



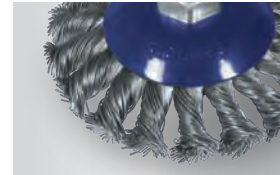
Cup brushes

Available with knotted and crimped wire, as well as abrasive filaments.



Please note:

When deciding on a suitable diameter for a cup brush, do not forget that it will spread out during operation. The key factor in determining the maximum possible brush diameter is therefore the size of the safety guard.




Bevel brushes

Available with knotted and crimped wire.

2. Determining the operating speed

The maximum operating speed of a brush depends on its diameter. As in the case of a bicycle wheel, the larger it is the fewer turns are needed to cover a particular distance.

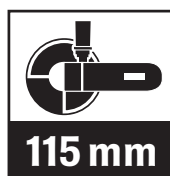
The most common speeds are colour-coded to clearly show the differences and for ease of understanding:

	Diameter:	Ø 115 mm (4 1/2")	Ø 125 mm (5")	Ø 150 mm (6")	Ø 180 mm (7")	Ø 230 mm (9")
	Operating speed:	12,500 rpm	11,000 rpm	8,500 rpm	8,500 rpm	6,500 rpm

3. Which brush for which angle grinder?

Brush type & trim	Brush Ø										
	60	65	75	80	90	100	115	120	125	150	178
Wheel brush, knotted						115	115		125	150	180
Wheel brush, crimped						115	115				
Cup brush, knotted		115	125	150		180		230			
Cup brush, crimped	115		125	150		150 / 180			230	230	
Cup, abrasive						150*					

* adjustable



The machine information on the packaging

The machine icon on all Osborn packaging will also show the maximum permitted machine size.

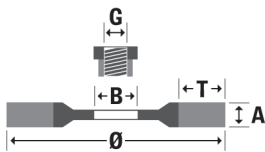
Brushes Angle grinder

Wheel brushes

knotted wire



The ideal working width for every application.



115-230

USAGE

	0,25	0,35	0,50	0,60	0,80
roughening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
planing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
structuring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

Products available with:

Steel wire twist knot

Stainless steel

Material	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminum	Soft wood	Hard wood
Steel wire twist knot	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stainless steel	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

mm								0,35	RRP	0,50	RRP	0,80	RRP
Ø	A	T	B	G	Adapt.	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
100	12	20	22,2		F	12500	8	0002-621 131	15,00	0002-621 151	14,65		
115	12	23	22,2		F	12500	10	0002-631 131	17,25	0002-631 151	16,80		
115	12	23		M14x2,0		12500	6	0402-631 131	19,45	0402-631 151	18,95		
115	6	19	22,2			12500	10	9502-626 301	22,30	9502-626 501	21,70		
125	13	28	22,2		F	12500	8	6152-631 131	19,45	2202-631 151	18,95		
125	13	28		M14x2,0		12500	8	1402-631 131	21,55	1402-631 151	20,85		
125	6	24	22,2			12500	8	9502-626 311	24,05	9502-626 511	23,20		
150	13	37	22,2		F	12000	5	0002-641 131	22,75	0002-641 151	20,55	0002-641 181	19,30
150	13		22,2				12			1902-641 151 *	20,55		
178	13	42	22,2		F	10000	6	0002-653 131	26,40	0002-653 151	26,05	0002-653 181	25,00
178	13	42	22,2				12			1902-653 151	26,05	1902-653 181	25,00
230	6	57	22,2				1			4306-026 904	42,35		
230	13	56	22,2				1					2202-664 181 *	33,35
230	13	58	22,2				1			9502-664 151 *	33,75		

* TÜV Zertifizierung geplant

mm								0,35	RRP	0,50	RRP
Ø	A	T	B	G	Adapt.	min-1	pcs.	Order-No.	€	Order-No.	€
100	12	20	22,2		F	12500	4			0002-621 351	31,45
115	12	23	22,2		F	12500	4	0002-631 331	39,20	0002-631 351	35,85
115	12	23		M14x2,0		12500	4	0402-631 331	41,70	0402-631 351	38,15
125	6		22,2				3			9502-626 651	35,60
125	13	28	22,2		F	12500	3	2202-631 331	41,05	2202-631 351	37,80
125	13	28		M14x2,0		12500	3	1402-631 331	41,75	1402-631 351	38,85
150	13	37	22,2		F	12500	3			0002-641 351	60,30
178	13	42	22,2		F	10000	3			0002-653 351	85,55

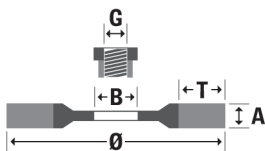
Wheel brushes

knotted Osborn wire



PREMIUM

Aggressive model for use at high speed for descaling, deburring and cleaning of weld seams.



USAGE

	0,25	0,35	0,50	0,60	0,80
roughening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
planing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
structuring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

Products available with:

Steel wire twist knot

Stainless steel

Material	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminum	Soft wood	Hard wood
Steel wire twist knot	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stainless steel	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

mm								Osborn 0,30	RRP	Osborn 0,30	RRP
Ø	A	T	B	G	Adapt.	min-1	pcs.	Order-No.	€	Order-No.	€
75	8	17	1/2"			20000	12	9906-026 001	13,45	9906-026 002	12,55
75	13	17	1/2"			20000	12	9906-026 011	22,15	9906-026 012	21,35
100	13	22	5/8"			18000	12	9906-026 116	18,50	9906-026 117	17,75
100	13	22	7/8"			18000	12	9906-026 280	18,75	9906-026 281	17,75
100	10	20		M14x2,0		18000	12	9906-026 355	19,95		
100	10	20		M10x1,5		18000	12	9906-026 356	19,95		
100	10	20		5/8"		18000	12	9906-026 359	19,95		
100	6	20		M14x2,0		18000	12			9906-026 365	21,20
100	6	20				18000	12			9906-026 366	21,20
100	6	20				18000	12			9906-026 369	21,20
115	6	19	7/8"			12500	12			2906-026 501	20,55
115	6	19		M14x2,0		12500	12	0002-626 305	23,50	0002-626 505	22,35
115	6	19		5/8"		12500	6			0002-626 509	21,35
125	6	24	7/8"			12500	12	0002-626 311	24,05	0002-626 251	22,70
125	6	24		M14x2,0		12500	1			0012-626 251	22,50
125	13	26		5/8"		12500	1	0802-631 131	18,70	0802-631 151	18,15

Continue next page.

Brushes

Angle grinder

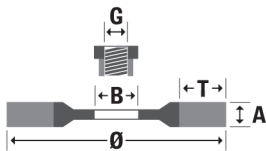
Wheel brushes

knotted Osborn wire



PREMIUM

Aggressive model for use at high speed for descaling, deburring and cleaning of weld seams.



USAGE

	0,25	0,35	0,50	0,60	0,80
roughening	■	■	■	■	■
planing	■	■	■	■	■
deburring	■	■	■	■	■
edge honing	■	■	■	■	■
structuring	■	■	■	■	■
descaling/paint stripping	■	■	■	■	■
weld seams	■	■	■	■	■

TRIM AND MATERIAL

Products available with:

	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire twist knot	■	■	■	■	■	■	■
Stainless steel	■	■	■	■	■	■	■

mm								0,35	RRP	0,50	RRP		
Ø	A	T	B	G	Adapt.	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
115	6	19	7/8"			12500	12			0002-626 650	32,65		
115	6	27		5/8"		12500	6			0002-626 659	31,20		
125	6	24	7/8"			12500	12			0002-626 651	57,10		
125	13	26		5/8"		12500	1	0802-631 331	37,50	0802-631 351	36,40		
150	25	38	7/8"			12000	12	9906-026 629	47,55				

mm								Osborn 0,30	RRP	Osborn 0,35	RRP	Osborn 0,50	RRP
Ø	A	T	B	G	Adapt.	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
150	6	38	7/8"			12000	12			9906-026 501	23,95		
150	25	38	7/8"			12000	12	9906-026 247	23,55				
150	6	38		M14x2,0		12000	10			9906-026 500	25,70		
150	6	38		5/8"		12000	10			9906-026 045	25,75		
150	13	38	7/8"			12000	12	9906-026 248	39,30			9906-026 249	21,60
165	6	32	7/8"			12000	12			9886-026 051	27,30		
165	6	32		5/8"		12000	10			9906-026 048	28,50		
165	13	32	7/8"			12000	12					9886-026 039	25,40
165	10	32		5/8"		12000	2					9906-026 039	27,05
171	6	29	7/8"			12000	12			9706-026 904	35,10		
171	6	29		5/8"		12000	10			9906-026 904	36,65		
178	6	38	22,2			12000	12			9906-026 051	30,40		
178	6	38		M14x2,0		12000	10			9906-026 053	31,95		
178	6	44		5/8"		12000	10			9906-026 052	31,95		
178	13	37	7/8"			12000	12	9906-026 541	50,20				
178	13	37		M14x2,0		12000	10					9906-026 551	28,05
178	13	37		5/8"		12000	10					9906-026 552	29,70
178	13	37		5/8"		12000	10					9906-026 553	29,70

F-adapter



mm			RRP					
Ø	B	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
3/8"	1/4"	1	0003-000 201	0,35				
1/2"	1/4"	1	0003-000 211	0,35				
5/8"	3/8"	1	0003-000 221	0,35				
5/8"	3/8"	1	0003-000 222	0,35				
5/8"	1/2"	1	0003-000 223	0,35				
7/8"	3/8"	1	0003-000 242	0,40				
7/8"	3/8"	1	0003-000 243	0,40				
7/8"	3/4"	1	0003-000 244	0,40				

Brushes Angle grinder



		RRP				RRP	
B	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
1/4"	1			0103-075 046	1,40		
3/8"	1	0103-075 020	1,90	0103-075 047	1,40		
1/2"	1	0103-075 021	1,90	0103-075 048	1,40		
5/8"	1	0103-075 022	1,90	0103-075 049	1,40		
3/4"	1	0103-075 023	1,90	0103-075 050	1,40		
7/8"	1	0103-075 024	1,90	0103-075 051	1,40		
1"	1	0103-075 025	1,90	0103-075 052	1,40		
1/8"	1	0103-075 026	1,90				
1 1/4"	1	0103-075 027	1,90				
1 1/2"	1	0103-075 028	1,90				

		RRP				RRP	
B	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
10	1	0103-075 210	1,90	0103-075 310	1,40		
12	1	0103-075 212	1,90	0103-075 312	1,35		
13	1	0103-075 213	1,90	0103-075 313	1,40		
15	1			0103-075 315	1,35		
16	1	0103-075 216	1,90	0103-075 316	1,40		
17	1	0103-075 217	1,90				
20	1	0103-075 220	1,90	0103-075 320	1,40		
25	1	0103-075 225	1,90	0103-075 325	1,40		
30	1	0103-075 230	1,90				
32	1	0103-075 232	1,90				
35	1	0103-075 235	1,90				
40	1	0103-075 240	1,90				



115-150

USAGE

	0,26	0,35	0,50	0,60	0,80
roughening	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
planing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
deburring	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
edge honing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
structuring	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
descaling/paint stripping	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
weld seams	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

TRIM AND MATERIAL

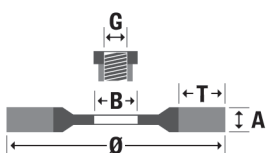
Products available with:

Steel wire twist knot

Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

		mm				0,35		RRP		0,50		RRP	
Ø	A	T	B	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€		
115	12	23	22,2	12500	10	1202-631 131	16,60	1202-631 151	16,15				
125	13	28	22,2	12500	8	1212-631 131	18,75	1212-631 151	18,20				
178	13	42	22,2	12500	6	1202-653 131	25,40	1202-653 151	25,05				

Special clockwise and anti-clockwise twists ensure brush will wear evenly.



Brushes

Angle grinder

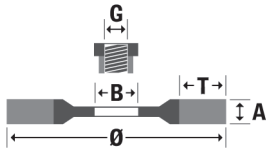
Wheel brushes

knotted Osborn wire



PREMIUM

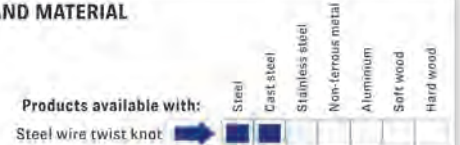
Bonded. Ideal for uniform surfacetreatment and precise edge treatment. Optimum quality and controlled face width for high efficiency.



USAGE

	0,25	0,35	0,50	0,60	0,80
roughening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
planing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
structuring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL



mm						max	min	Osborn 0,50	RRP	Osborn 0,50*	RRP		
Ø	A	T	B	min-1	pcs.			Order-No.	€	Order-No.	€	Order-No.	€
125	6	24	22,2	8500	1			9802-921 873	41,40	9812-921 873	44,80		
178	6	38	22,2	8500	1			9802-921 875	55,90	9812-921 875	58,40		

* pointed model. Other articles regular.

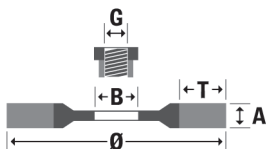
Wheel brushes

crimped wire



PREMIUM

Bonded. Ideal for uniform surfacetreatment and precise edge treatment. Optimum quality and controlled face width for high efficiency.



USAGE

	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
planing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
structuring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL



mm						max	min	0,38	RRP				
Ø	A	T	B	G	min-1	pcs.		Order-No.	€	Order-No.	€	Order-No.	€
150	5	29	22,2		8500	12		0002-921 874	53,15				
178	5	41	22,2	M14x2,0	8500	10		0002-921 876	121,00				
178	5	41	22,2		8500	12		0002-921 875	54,50				
178	5	41	22,2	5/8"	8500	10		0002-921 889	56,10				
178	3	41	22,2		8000	1		7702-921 875	52,15				

Brushes Angle grinder

Wheel brushes

crimped wire



Suitable for an antique finish on wood.

115

USAGE

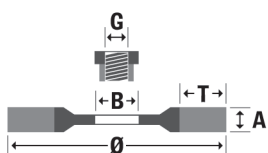
roughening	<input type="checkbox"/>	0,15
planing	<input type="checkbox"/>	0,20
deburring	<input type="checkbox"/>	0,25/0,27
edge honing	<input type="checkbox"/>	0,30
structuring	<input type="checkbox"/>	0,35
descaling/paint stripping	<input type="checkbox"/>	0,40
weld seams	<input type="checkbox"/>	0,50

TRIM AND MATERIAL

Products available with:

Steel wire crimped → Steel Cast steel Stainless steel Non-ferrous metal Aluminium Soft wood Hard wood

mm						0,35 Cordwire	RRP				
Ø	A	T	G	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
100	12	20	M14x2,0	12500	6	2802-522 051	11,25				
115	12	28	M14x2,0	12500	6	2812-522 051	12,10				



Wheel brushes

abrasive filament



150-180

USAGE

roughening	<input type="checkbox"/>	40/46
planing	<input type="checkbox"/>	60
deburring	<input type="checkbox"/>	80
edge honing	<input type="checkbox"/>	120
structuring	<input type="checkbox"/>	180
descaling/paint stripping	<input type="checkbox"/>	320
weld seams	<input type="checkbox"/>	Fibre

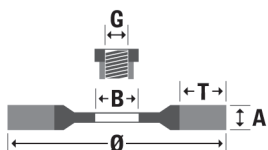
TRIM AND MATERIAL

Products available with:

Abrasive bristle → Steel Cast steel Stainless steel Non-ferrous metal Aluminium Soft wood Hard wood

mm						Novofil 46	RRP	Novofil 60	RRP	Novofil 80	RRP
Ø	A	T	B	G	Adapt.	min-1	pcs.	Order-No.	€	Order-No.	€
140	55	30		M14		4500	6	5421-401 913	27,80	5411-401 913	27,80
										5401-401 913	27,80

mm						Novofil 120	RRP				
Ø	A	T	B	G	Adapt.	min-1	pcs.	Order-No.	€	Order-No.	€
140	55	30		M14		4500	6	5431-401 913	27,80		

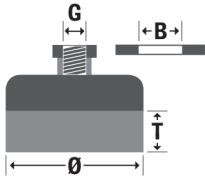


Brushes

Angle grinder

Cup brushes

knotted wire



USAGE

115

	0,25	0,35	0,50	0,60	0,80
roughening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
planing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
structuring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

Products available with:

Steel wire twist knot →

Stainless steel →

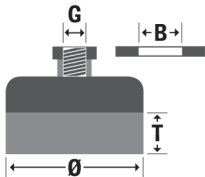
	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire twist knot	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stainless steel	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

mm						0,35	RRP	0,50	RRP		
Ø	T	B	G	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
65	20	16		12500	10	1602-608 131	12,10	1602-608 151	11,20		
65	20		M10x1,25	12500	10	2352-608 131	12,10	2352-608 151	11,20		
65	20		M10x1,5	12500	10	0102-608 131	12,10	0102-608 151	11,20		
65	20		M12x1,5	12500	10			1162-608 151	11,20		
65	20		M14x2,0	12500	10	0002-608 131	12,10	0002-608 151	11,20		
65	30		M14x2,0	12500	10	3892-608 131	14,60				

mm						0,35	RRP	0,50	RRP		
Ø	T	B	G	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
65	20	16		12500	6	1602-608 331	24,80				
65	20		M10x1,25	12500	6	2352-608 331	25,25	2352-608 351	24,45		
65	20		M10x1,5	12500	6	0102-608 331	25,25	0102-608 351	24,45		
65	20		M14x2,0	12500	6	0002-608 331	25,25	0002-608 351	24,45		

Cup brushes

knotted wire



USAGE

125

	0,25	0,35	0,50	0,60	0,80
roughening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
planing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
structuring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

Products available with:

Steel wire twist knot →

	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire twist knot	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

mm						0,35	RRP	0,50	RRP		
Ø	T	B	G	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
75	20		M14x2,0	11000	10	9908-608 132	22,85	9908-608 152	22,35		
75	20		5/8 Zoll	11000	10	9918-608 132	22,85	9918-608 152	22,35		

Removable support rings prevent deflection of trim. Once trim is worn, support ring can be removed to use remaining trim.

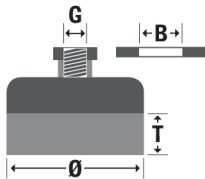
Brushes Angle grinder

Cup brushes

knotted wire



Removable support rings prevent deflection of trim. Once trim is worn, support ring can be removed to use remaining trim.



150-230

USAGE

	0,25	0,35	0,50	0,60	0,80
roughening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
planing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
structuring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

Products available with:

Steel wire twist knot

Stainless steel

	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire twist knot	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stainless steel	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

mm						0,35	RRP	0,50	RRP	0,80	RRP
Ø	T	B	G	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
80			5/8 Zoll	8500	6	0802-608 133	28,70	0802-608 153	26,35	0802-608 183	25,75
80			M14x2,0	8500	6	0002-608 133	28,70	0002-608 153	26,35	0002-608 183	25,75
80		22,2		8500	6	0002-607 133	24,05	0002-607 153	22,50	0002-607 183	21,70
100		22,2		8500	3	0002-607 134	29,40	0002-607 154	27,25	0002-607 184	26,60
100			M14x2,0	8500	3	0002-608 134	33,35	0002-608 154	31,25	0002-608 184	30,35
100			5/8 Zoll	8500	3	0802-608 134	33,35	0802-608 154	31,25	0802-608 184	30,35
120		22,2		6500	4	0002-607 135	37,55	0002-607 155	34,35	0002-607 185	32,95
120			M14x2,0	6500	4	0002-608 135	39,65	0002-608 155	38,45	0002-608 185	37,60
120			5/8 Zoll	6500	4	0802-608 135	39,65	0802-608 155	38,45	0802-608 185	37,60

* TÜV-Certification planned.

mm						0,35	RRP	0,50	RRP
Ø	T	B	G	min-1	pcs.	Order-No.	€	Order-No.	€
80			M14x2,0	6500	3	0002-608 333	61,30	0002-608 353	56,55
100		22,2		8500	3			0002-607 354	58,85
100			M14x2,0	8500	3	0002-608 334	64,15	0002-608 354	62,20

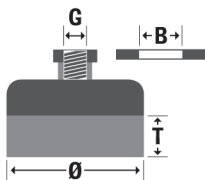
* TÜV-Certification planned.

Cup brushes

crimped wire



Particularly suitable for processing large surfaces.



115-125

USAGE

	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
planing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
structuring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

Products available with:

Steel wire crimped

Stainless steel

	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire crimped	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stainless steel	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

mm						0,20	RRP	0,30	RRP	0,30	RRP
Ø	T	B	G	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
60	21	16		12500	10	1602-613 141	10,05	1602-613 161	9,25		
60	21	16		12500	4					1602-613 361	13,90
60	21		M10x1,25	12500	10	5262-613 141	10,05				
60	21		M10x1,5	12500	10	0102-613 141	10,05	0102-613 161	9,25		
60	21		M14x2,0	12500	10	0002-613 141	10,05	0002-613 161	9,25		
60	21		M14x2,0	12500	4					0002-613 361	13,90
75	23	16		12500	10	1602-613 142	15,70	1602-613 162	14,80		
75	23	16		12500	3					1602-613 362	25,70
75	23		M10x1,25	12500	10	5652-613 142	15,70	5652-613 162	14,80		
75	23		M10x1,5	12500	10	0102-613 142	15,70	0102-613 162	14,80		
75	23		M14x2,0	12500	10	0002-613 142	15,70	0002-613 162	14,80		
75	23		M14x2,0	12500	4					0002-613 362	25,70
75	23		5,8 Zoll	12500	10	0802-613 142	15,70	0802-613 162	14,80		
75	23		5,8 Zoll	12500	4					0802-613 362	25,70

Brushes

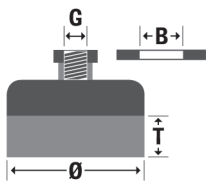
Angle grinder

Cup brushes

crimped wire



Particularly suitable for processing large surfaces.



USAGE

150-230

roughening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
planing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
structuring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

Products available with:

Steel wire crimped →

Stainless steel →

Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

mm		B	G	min-1	pcs.	0,20	RRP	0,30	RRP	0,50	RRP
Ø	T					Order-No.	€	Order-No.	€	Order-No.	€
80	30		M14x2,0	8500	5	0002-613 143	17,80	0002-613 163	17,40		
80	25		5/8 Zoll	8500	5	0802-613 143	17,80	0802-613 163	17,40		
80	25		M14x2,0	8500	5					0002-613 193	16,35
80	25	22,2		8500	5	1902-603 143	17,25	1902-603 163	13,70		
80	25	20		8500	5			0002-603 163	16,80		
100	30	22,2		8500	3	0002-603 144	20,10				
100	30		M14x2,0	8500	3	0002-613 144	22,65			0002-613 194	21,00
100	30		M14x2,0	8500	4			0002-613 164	21,40		
100	30		5/8 Zoll	8500	3	0802-613 144	22,65	0802-613 164	21,40	0802-613 194	21,00
125	30	22,2		6500	4	0002-603 145	30,90				
125	30		M14x2,0	6500	4	0002-613 145	31,30	0002-613 165	29,90	0002-613 195	28,35
125	30		5/8 Zoll	6500	4			0802-613 165	29,90	0802-613 195	28,35
150	40		M14x2,0	6500	3	0002-613 146	35,85	0002-613 166	32,65	0002-613 196	32,15
150	40		5/8 Zoll	6500	3	0802-613 146	33,25	0802-613 166	32,65	0802-613 196	32,15

* TÜV-Certification planned.

mm		B	G	min-1	pcs.	0,30	RRP	0,30 brass-coated	RRP	Order-No.	€
Ø	T					Order-No.	€	Order-No.	€		
80	25	22,2		8500	4	1902-603 363	27,10				
80	25		M14x2,0	8500	4	0002-613 363	30,25				
80	25		M14x2,0	8500	5			0002-613 063	17,60		
80	25		5/8 Zoll	8500	4	0802-613 363	30,25				
80	25		5/8 Zoll	8500	5			0802-613 063	17,60		
100	30		M14x2,0	8500	3	0002-613 364	43,90	0002-613 064	21,55		
100	30		5/8 Zoll	8500	3	0802-613 364	43,90	0802-613 064	21,55		
125	30		5/8 Zoll	6500	2	0802-613 365	51,50				
125	30		5/8 Zoll	6500	4			0802-613 065	29,65		
125	30		M14x2,0	6500	2	0002-613 365	55,25				
125	30		M14x2,0	6500	4			0002-613 065	30,25		
150	40		M14x2,0	6500	3			0002-613 066	33,35		
150	40		5/8 Zoll	6500	3			0802-613 066	33,35		

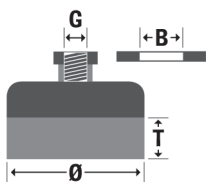
* TÜV-Certification planned.

Cup brushes

abrasive filament



Recommended speed 4.000RPM-1.



USAGE

150

roughening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
planing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
structuring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

Products available with:

Abrasive bristle →

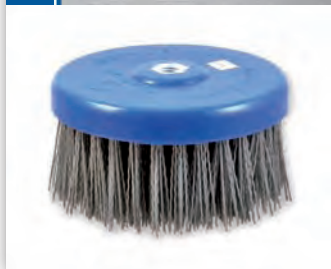
Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

mm		B	G	min-1	pcs.	Novofil 180	RRP	Order-No.	€	Order-No.	€
Ø	T					Order-No.	€				
100	25	22,2		8500	3	1802-607 914	49,90				
100	25		M14x2,0	8500	3	1802-608 914	51,20				
100	25		5/8 Zoll	8500	3	0802-608 914	49,90				

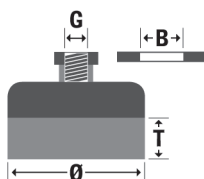
Brushes Angle grinder

Cup brushes

abrasive filament



Particularly suitable for finishing or de-nibbing.



USAGE

150-180

roughening	40/46
planing	60
deburring	80
edge honing	120
structuring	180
descaling/paint stripping	320
weld seams	Fibre

TRIM AND MATERIAL

Products available with:

Abrasive bristle → Steel, Cast steel, Stainless steel, Non-ferrous metal, Aluminium, Soft wood, Hard wood

Natural bristle →

mm							Fibre 23,2		RRP	Novofil 46		RRP	Novofil 60		RRP
Ø	A	T	B	G	Adapt.	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€	Order-No.	€
130	70	40		M14x2,0			4	3101-614 946	35,50						
130	70	50		M14x2,0			4			9301-614 916	32,75	9311-614 916	32,75		

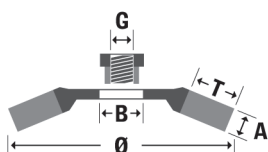
mm							Novofil 80		RRP	Novofil 120		RRP	
Ø	A	T	B	G	Adapt.	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
130	70	50		M14x2,0			4	9321-614 916	32,75	9331-614 916	32,75		

Bevel brushes

knotted wire



Particularly suitable for processing inaccessible areas e.g. angles, edges or corners.



USAGE

115-125

roughening	0,25
planing	0,35
deburring	0,50
edge honing	0,60
structuring	0,80
descaling/paint stripping	
weld seams	

TRIM AND MATERIAL

Products available with:

Steel wire twist knot → Steel, Cast steel, Stainless steel, Non-ferrous metal, Aluminium, Soft wood, Hard wood

Stainless steel →

mm							0,30		RRP	0,50		RRP	
Ø	A	T	B	G	Adapt.	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
100	13	22	16			12500	10			1602-622 151	14,40		
100	13	22		M10x1,25		12500	10			2352-622 151	14,40		
100	13	22		M10x1,5		12500	10	0102-622 131	14,90	0102-622 151	14,40		
100	13	22		M14x2,0		12500	10	0002-622 131	14,90	0002-622 151	14,40		
115	15	20	16			12500	10			1602-632 151	20,70		
115	15	20		M14x2,0		12500	10	0002-632 131	21,40	0002-632 151	20,70		
115	15	20		5/8 Zoll		12500	10	0802-632 131	21,40	0802-632 151	20,70		

mm							0,30 22 Knots		RRP	0,50 22 Knots		RRP	
Ø	A	T	B	G	Adapt.	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
100	13	22		M14x2,0		12500	10	0002-623 131	17,65	0002-623 151	17,10		

mm							0,30		RRP	0,50		RRP	
Ø	A	T	B	G	Adapt.	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
100	13	22		M10x1,25		12500	5			2352-622 351	21,15		
100	13	22		M10x1,5		12500	5	0102-622 331	21,65	0102-622 351	21,15		
100	13	22		M14x2,0		12500	5	0002-622 331	21,65	0002-622 351	21,15		
115	15	20		M14x2,0		12500	5	0002-632 331	37,30	0002-632 351	36,60		
115	15	20		5/8 Zoll		12500	5	0802-632 331	37,30	0802-632 351	36,60		

mm							0,30 22 Knots		RRP	0,50 22 Knots		RRP	
Ø	A	T	B	G	Adapt.	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
100	13	22		M14x2,0		12500	5	0002-623 331	24,85	0002-623 351	24,30		

Brushes

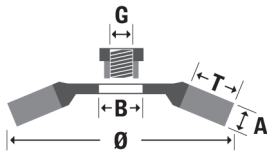
Angle grinder

Bevel brushes

crimped wire



Particularly suitable for processing inaccessible areas e.g. angles, edges or corners.



USAGE

115

	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
planing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
structuring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

Products available with:

Steel wire crimped →

Stainless steel →

Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

mm								0,30	RRP	0,20	RRP	0,30	RRP
Ø	A	T	B	G	Adapt.	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
100	20	20		M10x1,25		12500	5			2352-512 342	35,80	2352-512 362	30,50
100	20	20		M10x1,25		12500	10	2352-512 162	14,80				
100	20	20		M10		12500	10	2352-512 161	11,20				
100	20	20		M10x1,5		12500	5			0102-512 342	33,90	0102-512 362	30,50
100	20	20		M10x1,5		12500	10	0102-512 162	14,80				
100	10	20		M10x1,5		12500	10	0102-512 161	11,20				
100	20	20		M14x2,0		12500	5			0002-512 342	35,80	0002-512 362	30,50
100	20	20		M14x2,0		12500	10	0002-512 162	14,80				
100	10	20		M14x2,0		12500	10	0002-512 161	11,20				
100	10	20	16			12500	10	1602-512 161	11,20				

BRUSHES FOR POWER DRILLS



BRUSHES

Power drills

Important user information Brushes for power drills



To be noted when selecting brushes and using power drills:

1. General user information

The brushes on the following pages are suitable for all brands of power drills. It does not matter whether you are using a 1- or 2-speed machine or a percussion drill.

The recommended speed is approx. 1,500 - 3,500 rpm

2. Typical brush types for power drills



Wheel brushes

Available with knotted and crimped wire, as well as abrasive filaments or synthetic compound wires.



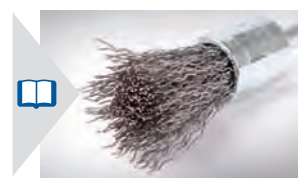
Cup brushes

Available with knotted and crimped wire, as well as abrasive filaments and synthetic compound wires.



Please note:

Cup and end brushes spread during operation.



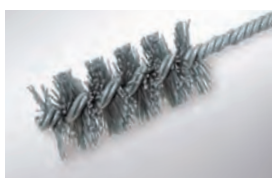
End brushes

Available with crimped wire, abrasive filaments and synthetic compound wires.



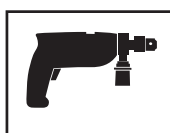
Flap wheel brushes

Available with crimped wire, abrasive filaments or Tampico fibre.



Tube & internal brushes

All details can be found in the chapter on internal finishing.



The machine information on the packaging and displays

Details on machine suitability can also be found on the machine icons found on Osborn packaging and counter and shelf displays.

Brushes Power drills

Wheel brushes

knotted wire



USAGE

	0,25	0,35	0,50	0,60	0,80
roughening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
planing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
structuring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

Products available with:

Steel wire twist knot →

Stainless steel →

Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

mm



0,35

RRP

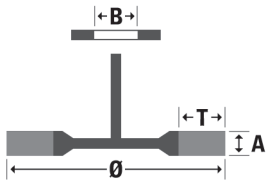
0,50

RRP

0,50

RRP

Ø	A	T	B	Shank	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
75	12	15	13		20000	12	0002-611 131	10,00	0002-611 151	9,65		
75	12	18		6	20000	12	0202-611 131	10,45	0202-611 151	10,30	0202-611 351	19,85



Wheel brushes

crimped wire



USAGE

	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
planing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
structuring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

Products available with:

Steel wire crimped →

Stainless steel →

Brass wire →

Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

mm



0,15

RRP

0,20

RRP

0,30

RRP

Ø	A	T	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
20	6	4	20000	10	0002-501 132	7,95	0002-501 142	7,65		
20	9	4	20000	10			0002-501 143	10,45		
30	6	6	20000	10			0002-502 141	5,15		
30	9	6	20000	10	0002-502 132	7,65	0002-502 142	6,30		
30	12	6	20000	10			0002-502 143	9,05		
40	7	10	18000	10			0002-503 141	4,90		
40	11	10	18000	10	0002-503 132	8,00	0002-503 142	7,10		
40	16	10	18000	10			0002-503 143	9,35		
50	10	13	15000	10			0002-504 141	5,25	0002-504 161	4,75
50	17	13	15000	10	0002-504 132	8,35	0002-504 142	7,30	0002-504 162	6,60
50	23	13	15000	10			0002-504 143	9,75	0002-504 163	9,45
60	12	15	15000	10			0002-505 141	5,40	0002-505 161	5,05
60	18	15	15000	10	0002-505 132	9,50	0002-505 142	7,95	0002-505 162	7,30
60	23	15	15000	10			0002-505 143	11,70	0002-505 163	10,35
70	11	15	15000	10			0002-506 141	5,55	0002-506 161	5,45
70	18	15	15000	10	0002-506 132	10,95	0002-506 142	8,70	0002-506 162	7,55
70	23	15	15000	10			0002-506 143	11,85	0002-506 163	10,60
80	19	20	15000	10			0002-507 142	9,05	0002-507 162	8,75

mm



0,50

RRP

Ø	A	T	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
70	10	14	15000	10	5183-506 192	14,15				

Continue next page.

Brushes

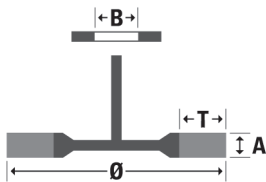
Power drills

Wheel brushes

crimped wire



Recommended number of revolutions: approx. 50% of max. -1. Specification A can vary depending on wire type and strength.



USAGE

	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
planing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
structuring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

Products available with:

	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire crimped	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stainless steel	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Brass wire	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

mm		min-1	pcs.	0,15		0,20		0,30	
Ø	A			Order-No.	RRP	Order-No.	RRP	Order-No.	RRP
20	6	4	20000	10	0002-501 332	15,50	0002-501 342	14,15	
20	9	4	20000	10	0002-501 333	17,65	0002-501 343	16,70	
30	6	6	20000	10			0002-502 341	6,55	
30	9	6	20000	10	0002-502 332	9,00	0002-502 342	8,40	
30	12	6	20000	10	0002-502 333	13,80	0002-502 343	13,55	
40	7	10	18000	10	0002-503 331	8,40	0002-503 341	8,10	
40	11	10	18000	10	0002-503 332	13,25	0002-503 342	12,15	
40	16	10	18000	10	0002-503 333	17,55	0002-503 343	17,20	
50	10	13	15000	10			0002-504 341	7,10	0002-504 361 6,50
50	17	13	15000	10	0002-504 332	14,80	0002-504 342	13,80	0002-504 362 13,55
50	23	13	15000	10			0002-504 343	18,40	0002-504 363 17,65
60	12	15	15000	10			0002-505 341	8,00	0002-505 361 6,80
60	18	15	15000	10	0002-505 332	15,95	0002-505 342	15,30	0002-505 362 14,80
60	23	15	15000	10			0002-505 343	18,05	0002-505 363 18,40
70	11	15	15000	10			0002-506 341	8,10	0002-506 361 7,90
70	18	15	15000	10	0002-506 332	17,60	0002-506 342	15,70	0002-506 362 15,05
70	23	15	15000	10			0002-506 343	18,75	0002-506 363 19,60
80	10	20	12000	10					5162-507 361 10,75
80	19	20	12000	10			0002-507 342	15,75	0002-507 362 16,80

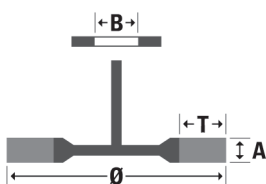
mm		min-1	pcs.	0,20	
Ø	A			Order-No.	RRP
20	9	4	20000	10	0002-501 542 14,05
30	9	6	20000	10	0002-502 542 7,60
40	11	10	18000	10	0002-503 542 9,15
50	17	13	15000	10	0002-504 542 10,95
60	18	15	15000	10	0002-505 542 12,00
70	18	15	15000	10	0002-506 542 13,50
80	19	20	12000	10	0002-507 542 16,45

Wheel brushes

crimped wire



Do-it-yourself type for max. 4500 min-1.



USAGE

	0,15	0,20	0,25/0,27	0,30	0,40	0,50
roughening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
planing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
structuring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

Products available with:

	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire crimped	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stainless steel	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Brass wire	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

mm		min-1	pcs.	0,30		0,20		0,20	
Ø	A			Order-No.	RRP	Order-No.	RRP	Order-No.	RRP
40	5	10	4500	20	0003-600 111	2,40	0008-600 121	2,10	
50	7	10	4500	20	0003-600 211	2,55	0008-600 221	2,10	
63	9	13	4500	20	0003-600 311	2,80	0008-600 321	2,40	
75	10	16	4500	10	0008-600 411	2,80	0003-601 411	2,80	0502-600 451 4,20
75	10	22	4500	10			0008-600 421	2,80	
75	15	16	4500	10	0003-600 412	4,85	0008-600 422	4,70	
100	12	22	4500	10	0008-600 511	4,30	0008-600 521	4,05	
100	17	22	4500	10			0008-600 522	6,10	

mm		min-1	pcs.	0,20		0,30	
Ø	A			Order-No.	RRP	Order-No.	RRP
75	10	16	4500	240	0008-600 431	7,15	
75	10	16	4500	10			0008-600 432 6,35
100	10	22	4500	10	0008-600 531	9,90	

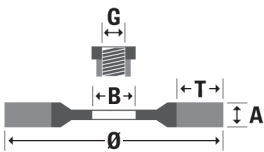
Brushes Power drills

Wheel brushes

crimped wire



Do-it-yourself type for max. 4500 min-1.



USAGE

	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
planing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
deburring	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
edge honing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
structuring	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
weld seams	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

TRIM AND MATERIAL

Products available with:

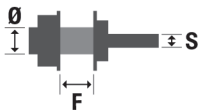
Steel wire crimped



mm						0,20	RRP	0,30	RRP		
Ø	A	T	B	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
50	7	10	3/8 Zoll	4500	20	0003-601 211	2,45				
50	7	10	9,5 mm	4500	20			0008-601 221	2,10		
63	9	13	9,5 mm	4500	20			0008-601 321	2,40		
63	9	13	3/8 Zoll	4500	20	0003-601 311	2,50				
75	10	16	1/2 Zoll	4500	10	0003-601 411	2,80				
75	10	16	3/8 Zoll	4500	10	0123-601 411	2,80				
75	10	16	9,5 mm	4500	10			0128-601 421	2,80		
75	10	16	12,7 mm	4500	10			0008-601 421	2,80		
100	13	22	12,7 mm	4500	10	0002-601 511	4,05				
100	12	22	12,7 mm	4500	10			0008-601 521	4,05		

Drive arbor

Type I



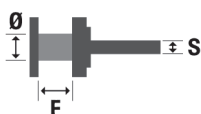
mm				RRP					
Ø	Zoll	pcs.	Order-No.	€	Order-No.	€	Order-No.	€	
10		1	0003-000 100	9,25					
13		1	0003-000 130	12,25					
12,7	1/2 Zoll	1	0004-000 127	12,25					
6,35	1/4 Zoll	1	0004-000 063	9,25					
9,52	3/8 Zoll	1	0004-000 095	9,25					

Brushes

Power drills

Drive arbor

Type II




mm				RRP				
Ø	Zoll	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
9,5	3/8 Zoll	1	9907-075 128	17,55				
12,7	1/2 Zoll	1	9907-075 129	17,55				
15,9	5/8 Zoll	1	9907-075 130	17,55				

Wheel brushes

crimped wire



USAGE



	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
planing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
structuring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

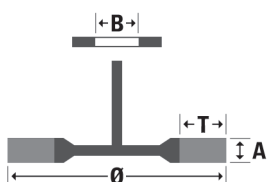
TRIM AND MATERIAL

Products available with:

Steel wire crimped → Steel Cast steel Stainless steel Non-ferrous metal Aluminium Soft wood Hard wood

mm					0,25 Cordwire	RRP				
Ø	A	T	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
80	35	25	4000	1	0908-507 061	16,70				

Particularly suitable for brushing out annual (year) rings. Supplied on 8mm shaft.



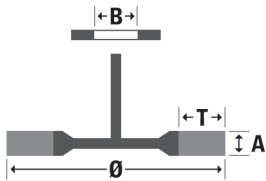
Brushes Power drills

Wheel brushes

crimped wire



Resin-bonded, 10 fold service life, no wire breakage.



USAGE

	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
planing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
structuring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

Products available with:

Steel wire crimped → Steel Cast steel Stainless steel Non-ferrous metal Aluminium Soft wood Hard wood

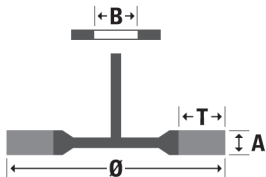
mm				0,30	RRP						
Ø	A	T	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€	
63	8	20	15000	12	0002-911 941	15,35					
76	8	26	15000	12	0002-911 951	15,70					

Wheel brushes

abrasive filament



New: Grittyflex red with 50% more performance due to silicon carbide trim with higher grit content.



USAGE

	40/46	60	80	120	180	320	Fibre
roughening	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
planing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
structuring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

Products available with:

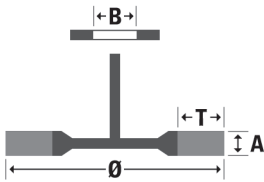
Abrasive bristle → Steel Cast steel Stainless steel Non-ferrous metal Aluminium Soft wood Hard wood

mm				Grit 80 Red	RRP	Grit 180 Blue	RRP				
Ø	A	T	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€	
75	16	10	4500	10	0802-600 491	8,95	0182-600 491	8,95			
100	23	10	4500	10	0802-600 591	9,75	0182-600 591	9,75			

Brushes

Power drills

Wheel brushes abrasive filament



USAGE

	40/45	60	80	120	180	320	Fibre
roughening	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
planing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
structuring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

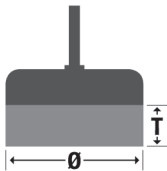
TRIM AND MATERIAL

Products available with:

Abrasive bristle → Steel Cast steel Stainless steel Non-ferrous metal Aluminium Soft wood Hard wood

mm						max	Novofil 120	RRP	Novofil 180	RRP	Novofil 320	RRP
Ø	A	T	S	min-1	pcs.		Order-No.	€	Order-No.	€	Order-No.	€
40	12	10	6	4500	10		8603-503 911	12,40	8623-503 911	12,40	8613-503 911	12,40
50	12	12	6	4500	10		8603-504 911	13,20	8623-504 911	13,20	8613-504 911	13,20
60	12	15	6	4500	10		8603-505 911	13,65	8623-505 911	13,65	8613-505 911	13,65
70	12	20	6	4500	10		8603-506 911	14,95	8623-506 911	14,95	8613-506 911	14,95
80	12	22	6	4500	10		8603-507 911	22,95	8623-507 911	22,95	8613-507 911	22,95

Cup brushes knotted wire



USAGE

	0,215	0,315	0,50	0,60	0,80
roughening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
planing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
structuring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

Products available with:

Steel wire twist knot → Steel Cast steel Stainless steel Non-ferrous metal Aluminium Soft wood Hard wood

mm						max	0,50	RRP				
Ø	T		min-1	pcs.			Order-No.	€	Order-No.	€	Order-No.	€
65	23		6000	10			1004-608 151	11,15				


Brushes Power drills

Cup brushes

crimped wire




USAGE





	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
planing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
structuring	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

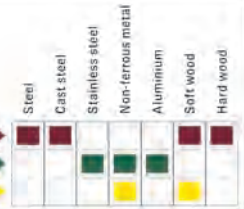
TRIM AND MATERIAL



Products available with:

Steel wire crimped 

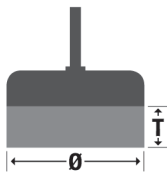
Stainless steel 



Brass wire 



mm				0,20	RRP	0,30	RRP	0,20	RRP
Ø	T	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
50	17	4500	20	0008-600 811	2,50	0008-600 821	2,45	0023-600 851	3,75
60	20	4500	10	0003-600 813	2,80	0008-600 823	2,90		
75	20	4500	10	0008-600 911	3,15	0008-600 921	3,05		
80	23	4500	10	0003-601 911	4,20	0008-601 921	3,05		

Do-it-yourself type for max. 4500 min-1.



mm				0,20	RRP	0,30	RRP		
Ø	T	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
50	17	4500	20	0008-600 831	6,65	0008-600 832	6,10		
75	20	4500	10			0008-600 361	9,10		

Cup brushes

crimped wire




USAGE

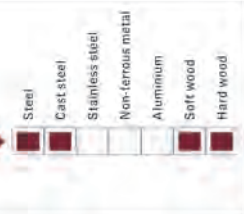




	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
planing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
structuring	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

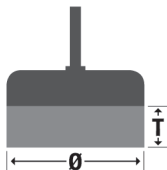
Products available with:

Steel wire crimped 



mm				0,30	RRP				
Ø	T	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
50	15	15000	6	0002-930 821	17,65				

Resin-bonded, 10 fold service life, no wire breakage.



Brushes

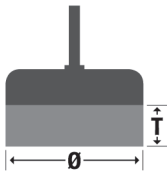
Power drills

Cup brushes

abrasive filament



New: Grittyflex red with 50% more performance due to silicon carbide trim with higher grit content.



USAGE

	40/45	60	80	120	180	320	Fibre
roughening	■	■	■	■	■	■	■
planing	■	■	■	■	■	■	■
deburring	■	■	■	■	■	■	■
edge honing	■	■	■	■	■	■	■
structuring	■	■	■	■	■	■	■
descaling/paint stripping	■	■	■	■	■	■	■
weld seams	■	■	■	■	■	■	■

TRIM AND MATERIAL

Products available with:

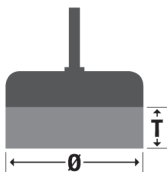
Abrasive bristle →

Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
■	■	■	■	■	■	■

mm		max		Grit 80 Red	RRP	Grit 180 Blue	RRP		
Ø	T	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
50	17	4500	10	0802-600 891	8,55	0182-600 891	8,55		
75	23	4500	10	0802-600 991	10,25	0182-600 991	10,25		

Cup brushes

abrasive filament



USAGE

	40/45	60	80	120	180	320	Fibre
roughening	■	■	■	■	■	■	■
planing	■	■	■	■	■	■	■
deburring	■	■	■	■	■	■	■
edge honing	■	■	■	■	■	■	■
structuring	■	■	■	■	■	■	■
descaling/paint stripping	■	■	■	■	■	■	■
weld seams	■	■	■	■	■	■	■

TRIM AND MATERIAL

Products available with:

Abrasive bristle →

Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
■	■	■	■	■	■	■

mm		max		Novofil 180	RRP	Novofil 320	RRP		
Ø	T	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
45	20	8000	10	5103-607 914	10,25	8733-607 912	10,25		
50	20	4500	10	8703-607 912	16,70	8743-607 912	16,70		
60	25	4500	10	8713-607 912	18,35	8753-607 912	18,35		
70	45	5000	10	8703-607 913	18,45	8713-607 913	18,45		

Brushes Power drills



USAGE

	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
planing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
structuring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

Products available with:

Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire crimped	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Stainless steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Brass wire	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

mm		max		0,20	RRP	0,30	RRP	0,50	RRP
Ø	T	L	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.
10	20	40	20000	12	0003-509 141	4,50	0003-509 161	4,00	0003-509 191
17	25	45	18000	12	0002-509 142	4,60	0002-509 162	4,15	0002-509 192
25	25	50	18000	12	0002-509 143	5,30	0002-509 163	5,05	0002-509 193
30	25	45	15000	12	0002-509 144	8,10	0002-509 164	7,65	0002-509 194

Particularly suitable for processing inaccessible and internal areas.



mm		max		0,20	RRP	0,30	RRP
Ø	T	L	min-1	pcs.	Order-No.	€	Order-No.
10	20	40	20000	12	0003-509 341	6,70	0003-509 361
17	25	45	18000	12	0002-509 342	7,45	0002-509 362
25	25	50	18000	12	0002-509 343	9,25	0002-509 363
30	25	45	15000	12	0002-509 344	13,30	0002-509 364

mm		max		0,20	RRP	0,30	RRP
Ø	T	L	min-1	pcs.	Order-No.	€	Order-No.
10	20	40	20000	12	0003-509 541	6,50	0003-509 561
17	25	45	18000	12	0002-509 542	7,15	0002-509 562
25	25	50	18000	12	0002-509 543	8,90	0002-509 563
30	25	45	15000	12	0002-509 544	11,75	0002-509 564



USAGE

	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
planing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
structuring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

Products available with:

Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire crimped	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Stainless steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

mm		max		0,30	RRP	0,30	RRP
Ø	T	L	min-1	pcs.	Order-No.	€	Order-No.
12	20	45	4500	20	0008-509 161	2,25	
17	25	45	4500	12	0008-509 162	2,55	
25	25	50	4500	12			0008-509 363
25	30	50	4500	12	0008-509 163	2,75	
30	35	50	4500	12	0008-509 164	3,30	

Do-it-yourself type for max. 4500 min-1.



Brushes

Power drills

End brushes

crimped wire



Resin-bonded, 10 fold service life, no wire breakage.



USAGE

	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
planing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
deburring	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
edge honing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
structuring	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
descaling/paint stripping	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
weld seams	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

TRIM AND MATERIAL

Products available with:

Steel wire crimped → Steel Cast steel Stainless steel Non-ferrous metal Aluminium Soft wood Hard wood

mm						max	0,30	RRP				
Ø	T	K	L	min-1	pcs.		Order-No.	€	Order-No.	€	Order-No.	€
17	24	16	43	15000	12		0002-930 902	11,95				
24	23	23	43	15000	12		0002-930 907	12,70				
31	23	29	43	15000	12		0002-930 912	15,25				

End brushes

abrasive filament



The fill material of these brushes adapts itself ideally to the profile of the work piece without damaging the surface. During use, new abrasive grits are continuously exposed, so giving optimum abrasive performance.



USAGE

	40/46	60	80	120	180	320	Fibre
roughening	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
planing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
deburring	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
edge honing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
structuring	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
descaling/paint stripping	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
weld seams	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

TRIM AND MATERIAL

Products available with:

Abrasive bristle → Steel Cast steel Stainless steel Non-ferrous metal Aluminium Soft wood Hard wood

mm						max	Grit 80 Red	RRP	Grit 180 Blue	RRP		
Ø	T	K	L	min-1	pcs.		Order-No.	€	Order-No.	€	Order-No.	€
25	25	22	45	5000	12		0812-509 913	4,35	1812-509 913	4,35		

Brushes Power drills

End brushes

abrasive filament



New grit particles are continually revealed so that stock removal is constant.

USAGE

	40/46	60	80	120	180	320	Fibre
roughening	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
planing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
deburring	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
edge honing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
structuring	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
descaling/paint stripping	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
weld seams	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

TRIM AND MATERIAL

Products available with:

Abrasive bristle →

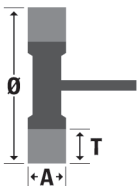
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood

mm						Novofil 120	RRP	Novofil 180	RRP	Novofil 320	RRP
Ø	T	K	L	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
10	25	10	50	5000	12			1802-509 911	20,05	3202-509 911	20,05
15	25	15	43	5000	12	1202-509 912	21,35	1802-509 912	21,35	3202-509 912	21,35
22	25	22	50	5000	12	1202-509 913	24,65	1802-509 913	24,65	3202-509 913	24,65
28	25	28	45	5000	12	1202-509 914	29,20	1802-509 914	29,20	3202-509 914	29,20



Flap wheel brushes

crimped wire



USAGE

	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
planing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
deburring	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
edge honing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
structuring	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
descaling/paint stripping	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
weld seams	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

TRIM AND MATERIAL

Products available with:

Steel wire crimped →

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood

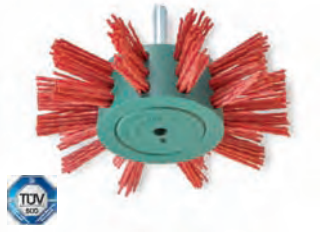
mm					0,30 zincd	RRP	0,30 brass-coated	RRP		
Ø	A	T	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
100	23	25	3500	5	0004-401 132	8,35				
100	25	25	3500	5			0004-401 052	8,35		

Brushes

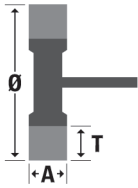
Power drills

Flap wheel brushes

abrasive / natural Fibre



Tampico fibre trim particularly suitable for polishing and cleaning.



USAGE

roughening	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
planing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
deburring	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
edge honing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
structuring	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
descaling/paint stripping	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
weld seams	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

TRIM AND MATERIAL

Products available with:

Abrasive bristle	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Natural bristle	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

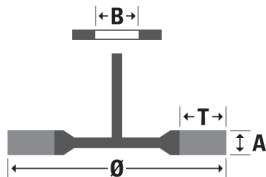
mm							Grit 80 Red	RRP	Grit 180 Blue	RRP	Fibre	RRP
Ø	A	T	min-1	pcs.			Order-No.	€	Order-No.	€	Order-No.	€
100	23	25	3500	5			0001-401 912	11,95	0011-401 912	11,95		
100	25	25	3500	5							0004-401 942	8,45

Wheel brushes

crimped wire



With 1/4" hexagon-shank for quick-change of brushes. Fits in any bit holder and current drill chuck.



USAGE

roughening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
planing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
deburring	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
edge honing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
structuring	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
descaling/paint stripping	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
weld seams	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

TRIM AND MATERIAL

Products available with:

Steel wire crimped	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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mm							0,30	RRP				
Ø	A	T	S	min-1	pcs.		Order-No.	€	Order-No.	€	Order-No.	€
50				4500	20		1008-600 221	2,10				
63				4500	20		1008-600 321	2,40				
75				4500	10		1008-600 421	2,80				
100				4500	10		1008-600 521	4,05				

Cup brushes

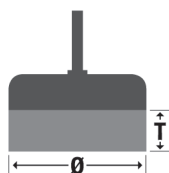
crimped wire



USAGE		TRIM AND MATERIAL	
roughening	<input type="checkbox"/> 0,15 <input type="checkbox"/> 0,20 <input checked="" type="checkbox"/> 0,25/0,27 <input type="checkbox"/> 0,30 <input type="checkbox"/> 0,35 <input type="checkbox"/> 0,40 <input type="checkbox"/> 0,50	Products available with:	Steel <input checked="" type="checkbox"/> Cast steel <input type="checkbox"/> Stainless steel <input type="checkbox"/> Non-ferrous metal <input type="checkbox"/> Aluminium <input type="checkbox"/> Soft wood <input type="checkbox"/> Hard wood <input type="checkbox"/>
planing	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Steel wire crimped	<input checked="" type="checkbox"/>
deburring	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
edge honing	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
structuring	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
descaling/paint stripping	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
weld seams	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		

mm				0,30	RRP				
Ø	T	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
50	17	4500	20	1008-600 821	2,45				
75	20	4500	10	1008-600 921	3,05				
75	20	4500	12	1008-603 162	7,30				

Topfbürste D50 mit Schnellspannschaft
gewellter Stahldraht 0,30 T17 neutral /
unverpackt max. 4.500 RPM



End brushes

crimped wire



USAGE		TRIM AND MATERIAL	
roughening	<input type="checkbox"/> 0,15 <input type="checkbox"/> 0,20 <input checked="" type="checkbox"/> 0,25/0,27 <input type="checkbox"/> 0,30 <input type="checkbox"/> 0,35 <input type="checkbox"/> 0,40 <input type="checkbox"/> 0,50	Products available with:	Steel <input checked="" type="checkbox"/> Cast steel <input type="checkbox"/> Stainless steel <input type="checkbox"/> Non-ferrous metal <input type="checkbox"/> Aluminium <input type="checkbox"/> Soft wood <input type="checkbox"/> Hard wood <input type="checkbox"/>
planing	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Steel wire crimped	<input checked="" type="checkbox"/>
deburring	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
edge honing	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
structuring	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
descaling/paint stripping	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
weld seams	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		

mm					0,30	RRP				
Ø	T	L	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
17	25		4500	12	1008-509 162	2,55				
25	30		4500	12	1008-509 163	2,75				
30	25		4500	12	1008-509 164	3,30				

Pinselbürste D17 mit Schnellspannschaft
gewellter Stahldraht 0,30 T25 neutral /
unverpackt max. 4.500 RPM



Brushes

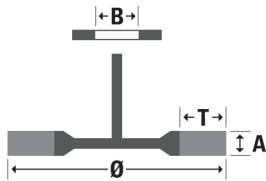
Power drills

Wheel brushes

knotted wire



Rundbürste D75 mit Schnellspannschaft
gez. Stahldraht 0,50 T16 uvp



USAGE

roughening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
planing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
structuring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

Products available with:

Steel wire twist knot → Steel Cast steel Stainless steel Non-ferrous metal Aluminium Soft wood Hard wood

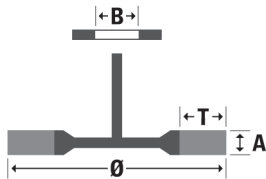
mm					max	0,50	RRP				
Ø	A	T	S	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
75				4500	12	1008-611 151	10,30				

Wheel brushes

abrasive filament



Rundbürste D75 mit Schnellspannschaft
Schleifborste fein blau uvp



USAGE

roughening	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
planing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
structuring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

Products available with:

Abrasive bristle → Steel Cast steel Stainless steel Non-ferrous metal Aluminium Soft wood Hard wood

mm					max	Grit 80 Red	RRP	Grit 180 Blue	RRP		
Ø	A	T	S	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
75				4500	10	1018-600 491	8,95	1008-600 491	8,95		
100				4500	10	1018-600 591	9,75	1008-600 591	9,75		

Brushes Power drills

Cup brushes

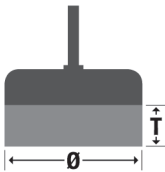
abrasive filament



USAGE		TRIM AND MATERIAL																																																																																								
	<table border="1"> <tr> <td></td> <td>40/46</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>roughening</td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>planing</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>deburring</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> 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mm				Grit 80 Red	RRP	Grit 180 Blue	RRP		
Ø	T	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
50		4500	10	1018-600 891	8,55	1008-600 891	8,55		
75		4500	10	1018-600 991	10,25	1008-600 991	10,25		

Topfbürste D50 mit Schnellspannschaft
Schleifborste fein blau uvp



End brushes

abrasive filament



USAGE		TRIM AND MATERIAL																																																																																								
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mm					Grit 80 Red	RRP	Grit 180 Blue	RRP		
Ø	T	L	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
25			4500	12	1018-509 913	4,35	1008-509 913	4,35		

Pinselbürste D 25 mit Schnellspannschaft
Schleifborste fein / blau Grittyflex
unverpackt / max. 4.500 UPM



Brushes

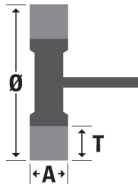
Power drills

Flap wheel brushes

abrasive filament



Fächerbürste D100 mit Schnellspannschaft
Schleifborste fein blau T25 uvp



shank



Holder for tools with quick-change shank,
max. 4500 rpm.

USAGE

	40/45										
roughening	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
planing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
structuring	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
descaling/paint stripping	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

Products available with:

Abrasive bristle →

<input checked="" type="checkbox"/>	Steel	<input type="checkbox"/>	Cast steel	<input type="checkbox"/>	Stainless steel	<input type="checkbox"/>	Non-ferrous metal	<input type="checkbox"/>	Aluminium	<input type="checkbox"/>	Soft wood	<input type="checkbox"/>	Hard wood
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mm		S	min-1	pcs.	Grit 80 Red	RRP	Grit 180 Blue	RRP		
Ø	A				Order-No.	€	Order-No.	€	Order-No.	€
100			4500	5	1018-401 912	11,95	1008-401 912	11,95		

		pcs.	RRP			
			Order-No.	€	Order-No.	€
		5	1008-000 121	5,45		

BRUSHES FOR HIGH-SPEED MACHINES



BRUSHES

High-speed machines



Important user information

Brushes for high-speed machines

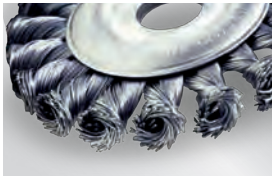


To be noted when selecting brushes and using high-speed machines:

1. General user information

Thanks to their reinforced components and especially rigid clamping characteristics, the brushes on the following pages are suitable for common brands of high-speed equipment (e.g. straight grinders, pneumatic tools).

2. Typical brushes for high-speed machines



Wheel brushes

Available with knotted and crimped wire.

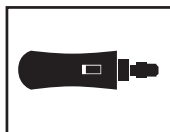


End brushes

Available with knotted and crimped wire, as well as extra-long shaft and special shapes.

Please note:

End brushes spread during operation.



The machine information on the packaging and displays

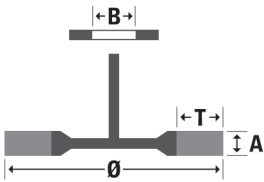
Details on machine suitability can also be found on the machine icons found on Osborn packaging and counter and shelf displays.

Brushes

High-speed machines

Wheel brushes

knotted wire



USAGE

roughening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
planing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
structuring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

Products available with:

Steel wire twist knot → Steel Cast steel Stainless steel Non-ferrous metal Aluminium Soft wood Hard wood

Stainless steel → Steel Cast steel Stainless steel Non-ferrous metal Aluminium Soft wood Hard wood

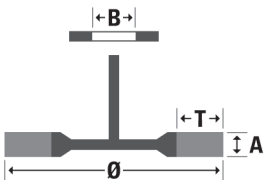
mm						0,35	RRP	0,50	RRP	0,50	RRP	
Ø	A	T	B	Shank	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
75	12	15	13		20000	12	0002-611 131	10,00	0002-611 151	9,65		
75	12	18		6	20000	12	0202-611 131	10,45	0202-611 151	10,30	0202-611 351	19,85

Wheel brushes

crimped wire



Recommended number of revolutions:
approx. 50% of max. -1. Specification A can vary depending on wire type and strength.



USAGE

roughening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
planing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
structuring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

Products available with:

Steel wire crimped → Steel Cast steel Stainless steel Non-ferrous metal Aluminium Soft wood Hard wood

Stainless steel → Steel Cast steel Stainless steel Non-ferrous metal Aluminium Soft wood Hard wood

Brass wire → Steel Cast steel Stainless steel Non-ferrous metal Aluminium Soft wood Hard wood

mm						0,15	RRP	0,20	RRP	0,30	RRP
Ø	A	T	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€	
20	6	4	20000	10	0002-501 132	7,95	0002-501 142	7,65			
20	9	4	20000	10			0002-501 143	10,45			
30	6	6	20000	10			0002-502 141	5,15			
30	9	6	20000	10	0002-502 132	7,65	0002-502 142	6,30			
30	12	6	20000	10			0002-502 143	9,05			
40	7	10	18000	10			0002-503 141	4,90			
40	11	10	18000	10	0002-503 132	8,00	0002-503 142	7,10			
40	16	10	18000	10			0002-503 143	9,35			
50	10	13	15000	10			0002-504 141	5,25	0002-504 161	4,75	
50	17	13	15000	10	0002-504 132	8,35	0002-504 142	7,30	0002-504 162	6,60	
50	23	13	15000	10			0002-504 143	9,75	0002-504 163	9,45	
60	12	15	15000	10			0002-505 141	5,40	0002-505 161	5,05	
60	18	15	15000	10	0002-505 132	9,50	0002-505 142	7,95	0002-505 162	7,30	
60	23	15	15000	10			0002-505 143	11,70	0002-505 163	10,35	
70	11	15	15000	10			0002-506 141	5,55	0002-506 161	5,45	
70	18	15	15000	10	0002-506 132	10,95	0002-506 142	8,70	0002-506 162	7,55	
70	23	15	15000	10			0002-506 143	11,85	0002-506 163	10,60	
80	19	20	15000	10			0002-507 142	9,05	0002-507 162	8,75	

mm						0,50	RRP	
Ø	A	T	min-1	pcs.	Order-No.	€	Order-No.	€
70	10	14	15000	10	5183-506 192	14,15		

Continue next page.

Brushes

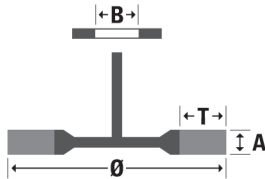
High-speed machines

Wheel brushes

crimped wire



Recommended number of revolutions: approx. 50% of max. -1. Specification A can vary depending on wire type and strength.



USAGE

roughening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
planing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
structuring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

0,15 0,20 0,25/0,27 0,30 0,35 0,40 0,50

TRIM AND MATERIAL

Products available with:

Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Steel wire crimped →
Stainless steel →
Brass wire →

mm				0,15	RRP	0,20	RRP	0,30	RRP	
Ø	A	T	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
20	6	4	20000	10	0002-501 332	15,50	0002-501 342	14,15		
20	9	4	20000	10	0002-501 333	17,65	0002-501 343	16,70		
30	6	6	20000	10			0002-502 341	6,55		
30	9	6	20000	10	0002-502 332	9,00	0002-502 342	8,40		
30	12	6	20000	10	0002-502 333	13,80	0002-502 343	13,55		
40	7	10	18000	10	0002-503 331	8,40	0002-503 341	8,10		
40	11	10	18000	10	0002-503 332	13,25	0002-503 342	12,15		
40	16	10	18000	10	0002-503 333	17,55	0002-503 343	17,20		
50	10	13	15000	10			0002-504 341	7,10	0002-504 361	6,50
50	17	13	15000	10	0002-504 332	14,80	0002-504 342	13,80	0002-504 362	13,55
50	23	13	15000	10			0002-504 343	18,40	0002-504 363	17,65
60	12	15	15000	10			0002-505 341	8,00	0002-505 361	6,80
60	18	15	15000	10	0002-505 332	15,95	0002-505 342	15,30	0002-505 362	14,80
60	23	15	15000	10			0002-505 343	18,05	0002-505 363	18,40
70	11	15	15000	10			0002-506 341	8,10	0002-506 361	7,90
70	18	15	15000	10	0002-506 332	17,60	0002-506 342	15,70	0002-506 362	15,05
70	23	15	15000	10			0002-506 343	18,75	0002-506 363	19,60
80	10	20	12000	10					5162-507 361	10,75
80	19	20	12000	10			0002-507 342	15,75	0002-507 362	16,80

mm				0,20	RRP					
Ø	A	T	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
20	9	4	20000	10	0002-501 542	14,05				
30	9	6	20000	10	0002-502 542	7,60				
40	11	10	18000	10	0002-503 542	9,15				
50	17	13	15000	10	0002-504 542	10,95				
60	18	15	15000	10	0002-505 542	12,00				
70	18	15	15000	10	0002-506 542	13,50				
80	19	20	12000	10	0002-507 542	16,45				

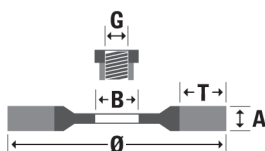
Wheel brushes

crimped Osborn wire



PREMIUM

Can be used singly or multiple by mounting several brushes on a drive arbor or directly on the drive unit. Article with bore or shank (see table).



USAGE

roughening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
planing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
structuring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

0,15 0,20 0,25/0,27 0,30 0,35 0,40 0,50

TRIM AND MATERIAL

Products available with:

Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Steel wire crimped →
Stainless steel →

mm				Osborn 0,15	RRP	Osborn 0,20	RRP	Osborn 0,26	RRP	
Ø	A	T	B	Shank	min-1	pcs.	Order-No.	€	Order-No.	€
32	6	7	10		20000	12	9907-011 009	8,40	9907-011 010	7,45
38	7	10	10		20000	12	9907-011 016	11,25	9907-011 017	10,10
50	8	13	13		15000	12	9907-011 031	13,20	9906-011 032	12,10
63	10	19	13		15000	12	9907-011 045	15,40	9907-011 046	12,90
76	10	25	13		15000	12			9907-011 058	13,25
76	11	23	16		15000	12	9907-011 061	15,85	9907-011 062	13,25

mm				Osborn 0,35	RRP					
Ø	A	T	B	Shank	min-1	pcs.	Order-No.	€	Order-No.	€
38	7	10	10		20000	12	9907-011 019	8,45		
50	8	13	13		15000	12	9907-011 034	10,75		
63	10	19	13		15000	12	9907-011 048	9,90		
76	10	25	13		15000	12	9907-011 060	11,90		
76	11	23	16		15000	12	9907-011 063	11,90		

Continue next page.

Brushes

High-speed machines

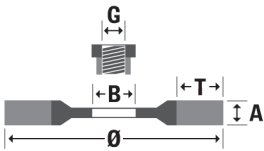
Wheel brushes

crimped Osborn wire



PREMIUM

Can be used singly or multiple by mounting several brushes on a drive arbor or directly on the drive unit. Article with bore or shank (see table).



USAGE	
roughening	<input type="checkbox"/> 0,15 <input type="checkbox"/> 0,20 <input type="checkbox"/> 0,25/0,27 <input type="checkbox"/> 0,30 <input type="checkbox"/> 0,35 <input type="checkbox"/> 0,40 <input type="checkbox"/> 0,50
planing	<input type="checkbox"/>
deburring	<input type="checkbox"/>
edge honing	<input type="checkbox"/>
structuring	<input type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>
weld seams	<input type="checkbox"/>

TRIM AND MATERIAL

Products available with:

Steel wire crimped

Stainless steel

Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

mm							Osborn 0,13	RRP	Osborn 0,20	RRP	Osborn 0,26	RRP
Ø	A	T	B	Shank	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
40	6	10	10		15000	12	9907-011 078	22,65				
50	8	10	13		15000	12					9907-011 088	17,15
50	8	13	13		15000	12	9907-011 086	19,60				
76	10	25	13		15000	12	9907-011 094	21,30	9907-011 095	18,35		

mm							Osborn 0,35	RRP
Ø	A	T	B	Shank	min-1	pcs.	Order-No.	€
76	10	25	13		15000	12	9907-011 097	16,65

mm							Osborn 0,15	RRP	Osborn 0,20	RRP	Osborn 0,26	RRP
Ø	A	T	B	Shank	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
32	10	7		6	20000	10	9907-011 309	21,00	9907-011 310	18,95	9907-011 311	17,15
38	12	7		6	20000	10					9907-011 318	18,35
38	12	10		6	20000	10	9907-011 316	21,50	9907-011 317	19,00		
50	14	13		6	15000	10	9907-011 331	27,30	9906-011 332	25,40		
63	18	19		6	15000	10			9907-011 346	27,30		
76	18	23		6	15000	10	9907-011 361	30,85				
76	20,6	23		6	15000	10			9907-011 362	29,40		

mm							Osborn 0,35	RRP
Ø	A	T	B	Shank	min-1	pcs.	Order-No.	€
38	12	7		6	20000	10	9907-011 319	17,15
50	14	13		6	15000	10	9907-011 334	23,60
63	18	19		6	15000	10	9907-011 348	24,80
76	20,6	23		6	15000	10	9907-011 363	26,30

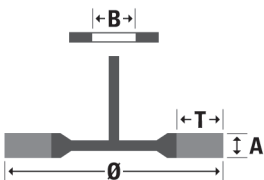
Wheel brushes

crimped Osborn wire



PREMIUM

Ideal for uniform surfacetreatment and precise edge treatment through bonded filaments. Article with bore or shank (see table).



USAGE	
roughening	<input type="checkbox"/> 0,15 <input type="checkbox"/> 0,20 <input type="checkbox"/> 0,25/0,27 <input type="checkbox"/> 0,30 <input type="checkbox"/> 0,35 <input type="checkbox"/> 0,40 <input type="checkbox"/> 0,50
planing	<input type="checkbox"/>
deburring	<input type="checkbox"/>
edge honing	<input type="checkbox"/>
structuring	<input type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>
weld seams	<input type="checkbox"/>

TRIM AND MATERIAL

Products available with:

Steel wire crimped

Stainless steel

Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

mm							Osborn 0,35	RRP	Osborn 0,20	RRP	Osborn 0,26	RRP
Ø	A	T	B	Shank	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
32	6	10	10		20000	12	9907-011 617	19,50				
35	5	10	6,4		20000	12			9907-011 620	19,50	9907-011 621	17,95
38	6	10	10		20000	12			9907-011 623	15,90	9907-011 624	15,65
50	7	13	13		15000	12	9907-011 631	21,10			9907-011 633	24,50
76	8	23	16		15000	12			9907-011 650	24,30		

mm							Osborn 0,35	RRP	Osborn 0,13	RRP	Osborn 0,20	RRP
Ø	A	T	B	Shank	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
32	6	10	10		20000	12	9907-011 618	17,85				
38	6	10	10		20000	12	9907-011 625	14,85			9907-011 660	31,95
50	7	13	13		15000	12	9907-011 634	17,90				
63	8	19	13		15000	12	9907-011 641	19,45				
63	8	19	16		15000	12	9907-011 643	24,80				
76	8	23	16		15000	12	9907-011 651	23,35				
76	8	23	13		15000	12			9907-011 670	38,10		

Continue next page.

Brushes

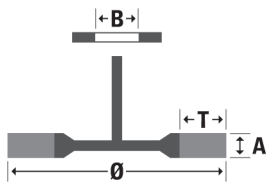
High-speed machines

Wheel brushes crimped Osborn wire



PREMIUM

Ideal for uniform surfacetreatment and precise edge treatment through bonded filaments. Article with bore or shank (see table).



USAGE		min-1		pcs.	
roughening	<input type="checkbox"/>	0,15	<input type="checkbox"/>	0,20	<input type="checkbox"/>
planing	<input type="checkbox"/>	0,25/0,27	<input type="checkbox"/>	0,30	<input type="checkbox"/>
deburring	<input type="checkbox"/>	0,35	<input type="checkbox"/>	0,40	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	0,45	<input type="checkbox"/>	0,50	<input type="checkbox"/>
structuring	<input type="checkbox"/>				
descaling/paint stripping	<input type="checkbox"/>				
weld seams	<input type="checkbox"/>				

TRIM AND MATERIAL		Products available with:						
Steel wire crimped	<input checked="" type="checkbox"/>	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Stainless steel	<input checked="" type="checkbox"/>							

mm							Osborn 0,35	RRP	Osborn 0,20	RRP	Osborn 0,26	RRP
Ø	A	T	B	Shank	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
38	6	10		6	20000	10			9907-011 723	17,10	9907-011 724	16,85
50	7	13		6	15000	10	9907-011 731	22,30	9907-011 732	20,35		
76	8	23		6	15000	10			9907-011 750	27,30		

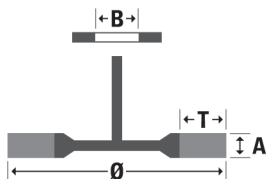
mm							Osborn 0,35	RRP				
Ø	A	T	B	Shank	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
38	6	10		6	20000	10	9907-011 725	15,85				
50	7	13		6	15000	10	9907-011 734	20,05				
63		19		6	15000	10	9907-011 741	19,45				
76	8	23		6	15000	10	9907-011 751	24,50				

Wheel brushes abrasive filament



PREMIUM

Excellent characteristics on non-ferrous metal and synthetic material through Korfil-E® filaments.



USAGE		min-1		pcs.	
roughening	<input type="checkbox"/>	40/45	<input type="checkbox"/>	60	<input type="checkbox"/>
planing	<input type="checkbox"/>	80	<input type="checkbox"/>	120	<input type="checkbox"/>
deburring	<input type="checkbox"/>	160	<input type="checkbox"/>	320	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	Fibre	<input type="checkbox"/>		<input type="checkbox"/>
structuring	<input type="checkbox"/>				
descaling/paint stripping	<input type="checkbox"/>				
weld seams	<input type="checkbox"/>				

TRIM AND MATERIAL		Products available with:						
Abrasive bristle	<input checked="" type="checkbox"/>	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood

mm							Grit 120	RRP	Grit 180	RRP	Grit 320	RRP
Ø	A	T	B	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€	
38	10	6	1/2"	20000	12	9906-011 146	10,70	9906-011 147	10,70	9906-011 148	10,70	
50	10	11	5/8"	15000	12	9906-011 149	11,50	9906-011 150	11,50	9906-011 151	11,50	
63	13	17	5/8"	15000	12	9906-011 153	12,40	9906-011 154	12,40	9906-011 155	12,40	

mm							Grit 120	RRP	Grit 180	RRP	Grit 320	RRP
Ø	A	T	S	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€	
38	10	6	6	20000	10	9906-011 446	11,85	9906-011 447	11,85	9906-011 448	11,85	
50	10	11	6	15000	10	9906-011 449	12,70	9906-011 450	12,70	9906-011 451	12,70	
63	13	17	6	15000	10	9906-011 453	13,90	9906-011 454	13,90	9906-011 455	13,90	

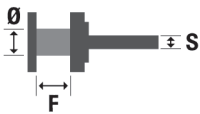
Brushes

High-speed machines

Drive arbor

Type II

mm				RRP					
Ø	Zoll	pcs.	Order-No.	€	Order-No.	€	Order-No.	€	
9,5	3/8 Zoll	1	9907-075 128	17,55					
12,7	1/2 Zoll	1	9907-075 129	17,55					
15,9	5/8 Zoll	1	9907-075 130	17,55					



End brushes

knotted wire



USAGE

	0,26	0,35	0,50	0,60	0,80
roughening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
planing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
structuring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

Products available with:

Steel wire twist knot → Steel Cast steel Stainless steel Non-ferrous metal Aluminium Soft wood Hard wood

Stainless steel → Steel Cast steel Stainless steel Non-ferrous metal Aluminium Soft wood Hard wood

mm					0,26	RRP	0,35	RRP
Ø	T	L	min-1	pcs.	Order-No.	€	Order-No.	€
20	29	44	20000	12	0002-630 328	25,30		
23	29	44	20000	12	0002-630 334	26,20	0002-630 335	26,05
30	29	44	20000	12	0002-630 340	31,05	0002-630 341	30,45

Altering the RPMs means that the diameter can also be varied.

mm					0,26	RRP	0,35	RRP
Ø	T	L	min-1	pcs.	Order-No.	€	Order-No.	€
20	29	44	20000	12	0002-630 304	16,60	0002-630 305	15,75
23	29	44	20000	12	0002-630 310	17,85	0002-630 311	16,45
30	29	44	20000	12	0002-630 316	21,85	0002-630 317	19,55



Brushes

High-speed machines

End brushes

knotted Osborn wire



PREMIUM

RUFTUF® with Original Osborn steel wire
- a high performance wire developed by Osborn.



USAGE

	0,26	0,35	0,50	0,60	0,80
roughening	■	■	■	■	■
planing	■	■	■	■	■
deburring	■	■	■	■	■
edge honing	■	■	■	■	■
structuring	■	■	■	■	■
descaling/paint stripping	■	■	■	■	■
weld seams	■	■	■	■	■

TRIM AND MATERIAL

Products available with:

	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire twist knot	■	■	■	■	■	■	■
Stainless steel	■	■	■	■	■	■	■

mm						max	pcs.	Osborn 0,15	RRP	Osborn 0,26	RRP	Osborn 0,35	RRP
Ø	L	T	S	min-1	pcs.			Order-No.	€	Order-No.	€	Order-No.	€
20	43	29	6	20000	12			9906-030 302	19,15	9906-030 304	16,05	9906-030 305	15,15
20	43	29	6	20000	1							4506-030 305 *	15,15
23	43	29	6	20000	12			9906-030 308	20,75	9906-030 310	17,10	9906-030 311	15,75
23	43	29	6	20000	1							4506-030 311 *	15,75
30	43	29	6	20000	12			9906-030 314	27,70	9906-030 316	21,05	9906-030 317	18,85
30	43	29	6	20000	1							4506-030 317 *	18,85

* Marking neutral.



mm						max	pcs.	Osborn 0,50	RRP				
Ø	L	T	S	min-1	pcs.			Order-No.	€	Order-No.	€	Order-No.	€
23	43	29	6	20000	12			9906-030 312	15,15				
30	43	29	6	20000	12			9906-030 318	18,35				
30	43	29	6	20000	1			4506-030 318 *	17,50				

* Marking neutral.

mm						max	pcs.	Osborn 0,15	RRP	Osborn 0,26	RRP	Osborn 0,35	RRP
Ø	L	T	S	min-1	pcs.			Order-No.	€	Order-No.	€	Order-No.	€
20	43	29	6	20000	12			9906-030 326	26,55	9906-030 328	23,85	9906-030 329	22,25
20	43	29	6	20000	1					4506-030 328 *	23,85	4506-030 329 *	22,25
23	43	29	6	20000	12			9906-030 332	27,25	9906-030 334	24,75	9906-030 335	24,55
30	43	29	6	20000	12			9906-030 338	37,55	9906-030 340	29,25	9906-030 341	28,65
30	43	29	6	20000	1							4506-030 341 *	28,65

* Marking neutral.

Important:

Brushes flare during operation (see picture).

Information on the grade of flaring in relation to the body-diameter and operating speed, please see table.



Body-Ø	Wire size	at speed ≤ min ⁻¹ 5000	at speed ≤ min ⁻¹ 8000	at speed ≤ min ⁻¹ 15000
20	0,26	55	70	75
20	0,35	25	50	70
23	0,26	40	65	75
23	0,35	35	55	70
30	0,26	55	70	85
30	0,35	50	70	80

Recommended operating speed approx. 50% of the maximum rpm.

Brushes High-speed machines

End brushes


knotted Osborn wire



PREMIUM

Special: Through uprolling of the housing, the brush is more stable. This will reduce the working diameter and increase the aggressiveness.

USAGE



	0.25	0.35	0.50	0.60	0.80
roughening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
planing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
structuring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

Products available with:

Steel wire twist knot →

<input checked="" type="checkbox"/>	Steel
<input checked="" type="checkbox"/>	Cast steel
<input type="checkbox"/>	Stainless steel
<input type="checkbox"/>	Non-ferrous metal
<input type="checkbox"/>	Aluminium
<input type="checkbox"/>	Soft wood
<input type="checkbox"/>	Hard wood

mm						Osborn 0,35	RRP	Osborn 0,50	RRP
Ø	L	T	S	min-1	pcs.	Order-No.	€	Order-No.	€
20	43	15	6	20000	1	8206-030 305	15,25		
20	43	29	6	20000	12	0706-030 305 *	15,70		
20	43	29	6	20000	250	6616-030 305 *	13,80		
20	43	30	6	20000	12	8736-030 305	13,45		
23	43	30	6	20000	12			8106-030 312 *	19,55

* neutrally outfoamed.



RUFTUF End brushes are now also available with special clockwise and anti-clockwise twists. Available in steelwire and stainless steel wire, different wire diameters. Please contact us.

Brushes

High-speed machines

End brushes

knotted wire



Particularly suitable for areas that are extremely difficult to access.



USAGE

roughening	0,25	0,35	0,50	0,60	0,80
planing	■	■	■	■	■
deburring	■	■	■	■	■
edge honing	■	■	■	■	■
structuring	■	■	■	■	■
descaling/paint stripping	■	■	■	■	■
weld seams	■	■	■	■	■

TRIM AND MATERIAL

Products available with:

Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
■	■	■	■	■	■	■

Steel wire twist knot →
Stainless steel →

mm					0,25	RRP	0,35	RRP	0,50	RRP
Ø	T	L	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
10	26	72	15000	12	9803-630 151	6,45	9803-630 171	6,35	9803-630 101	6,35

mm					0,25	RRP	0,35	RRP	0,50	RRP
Ø	T	L	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
10	26	72	15000	12	9803-630 351	7,35	9803-630 371	7,25	9803-630 301	7,25

End brushes

crimped wire



Particularly suitable for processing inaccessible and internal areas.



USAGE

roughening	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
planing	■	■	■	■	■	■	■
deburring	■	■	■	■	■	■	■
edge honing	■	■	■	■	■	■	■
structuring	■	■	■	■	■	■	■
descaling/paint stripping	■	■	■	■	■	■	■
weld seams	■	■	■	■	■	■	■

TRIM AND MATERIAL

Products available with:

Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
■	■	■	■	■	■	■

Steel wire crimped →
Stainless steel →
Brass wire →

mm					0,20	RRP	0,30	RRP	0,50	RRP
Ø	T	L	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
10	20	40	20000	12	0003-509 141	4,50	0003-509 161	4,00	0003-509 191	3,95
17	25	45	18000	12	0002-509 142	4,60	0002-509 162	4,15	0002-509 192	4,05
25	25	50	18000	12	0002-509 143	5,30	0002-509 163	5,05	0002-509 193	4,95
30	25	45	15000	12	0002-509 144	8,10	0002-509 164	7,65	0002-509 194	7,55

mm					0,20	RRP	0,30	RRP
Ø	T	L	min-1	pcs.	Order-No.	€	Order-No.	€
10	20	40	20000	12	0003-509 341	6,70	0003-509 361	5,60
17	25	45	18000	12	0002-509 342	7,45	0002-509 362	6,45
25	25	50	18000	12	0002-509 343	9,25	0002-509 363	8,20
30	25	45	15000	12	0002-509 344	13,30	0002-509 364	12,40

mm					0,20	RRP	0,30	RRP
Ø	T	L	min-1	pcs.	Order-No.	€	Order-No.	€
10	20	40	20000	12	0003-509 541	6,50	0003-509 561	5,45
17	25	45	18000	12	0002-509 542	7,15	0002-509 562	6,35
25	25	50	18000	12	0002-509 543	8,90	0002-509 563	6,50
30	25	45	15000	12	0002-509 544	11,75	0002-509 564	9,65

Brushes

High-speed machines


End brushes

crimped wire



Extra long shape.

USAGE



	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
planing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
structuring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



TRIM AND MATERIAL



Products available with:

Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Steel wire crimped →

Stainless steel →

mm				0,20	RRP	0,30	RRP			
Ø	T	L	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
10	20	100	9000	10	0003-509 149	6,05	0003-509 169	5,50		

mm				0,20	RRP	0,30	RRP			
Ø	T	L	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
10	20	100	9000	10	0003-509 349	12,15	0003-509 369	11,20		




End brushes

crimped wire



USAGE





	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
planing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
structuring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

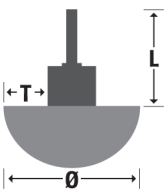
TRIM AND MATERIAL

Products available with:

Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Steel wire crimped →

mm				0,30	RRP				
Ø	L	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
50	45	15000	5	0002-509 165	8,45				
70	45	15000	5	0002-509 167	10,60				



Brushes

High-speed machines

End brushes crimped wire



Flat shape, high form stability.



USAGE

	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,45	0,50
roughening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
planing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
structuring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

Products available with:

Steel wire crimped →

Stainless steel →

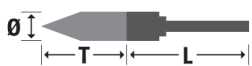
Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

mm			max	pcs.	0,40	RRP	0,50	RRP		
Ø	T	L	min-1		Order-No.	€	Order-No.	€	Order-No.	€
8	29	57	12000	12	0024-509 101	7,35				
9,5	29	55	12000	12	0024-509 102	11,85				
10	27	158	12000	6	1224-509 101	10,45				
12	29	60	12000	12	0024-509 111	7,45				
12	55	55	12000	6	0014-509 102	10,15				
20	25	47	12000	6	0024-509 103	12,85	0024-509 303	17,60		
20	70	51	12000	6	0034-509 103	17,35				
28	25	47	12000	6	0004-509 104	20,45	0004-509 304	25,70		

End brushes crimped wire



Sharp shape, high stability.



USAGE

	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,45	0,50
roughening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
planing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
structuring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

Products available with:

Steel wire crimped →

Stainless steel →

Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

mm			Type	max	pcs.	0,40	RRP	0,50	RRP		
Ø	T	L		min-1		Order-No.	€	Order-No.	€	Order-No.	€
9,5	32	57	122 P	12000	12	0124-509 101	8,55				
10	27	125	121 P/L	12000	6	2224-509 101	11,15				
10	31	55	123 P	12000	12	0224-509 101	9,65				
12	30	61	124 P	12000	12	0124-509 111	9,05				
19	31	51	102 P	12000	6			0124-509 103	11,45		
19	64	50	225	12000	6			0024-509 100	15,75		
25	35	50	103 P	12000	6	0014-509 104	21,65				

mm			Type	max	pcs.	0,30	RRP	0,50	RRP		
Ø	T	L		min-1		Order-No.	€	Order-No.	€	Order-No.	€
9,5	32	57	122 P	12000	12	0074-509 301	11,90				
19	31	51	102 P	12000	6			0124-509 303	17,30		
25	35	50	103 P	12000	6			0014-509 304	25,90		

Brushes

High-speed machines

End brushes

straight wire



USAGE

	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
planing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
structuring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

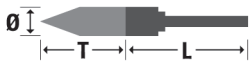
TRIM AND MATERIAL

Products available with:

Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

mm						0,30	RRP	0,50	RRP		
Ø	T	L	Type	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
11	32	59	103 P	12000	6	0004-509 102	11,85	0004-509 302	15,85		

Sharp shape, high stability.



End brushes

abrasive filament



PREMIUM

USAGE

	40/46	60	80	120	180	320	Fibre
roughening	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
planing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
structuring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

Products available with:

Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

mm						120	RRP	180	RRP	320	RRP
Ø	L	T	S	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
10	45	25	6	8000	12	9906-030 488	20,10	9906-030 489	20,10	9906-030 490	20,10
15	45	25	6	5000	12	9906-030 492	21,40	9906-030 493	21,40	9906-030 494	21,40
22	45	25	6	5000	12	9906-030 496	24,75	9906-030 497	24,75	9906-030 498	24,75
28	45	25	6	5000	12	9906-030 500	29,80	9906-030 501	29,80	9906-030 502	29,80

For a perfect finishing process without notably changing the surface structure.



BRUSHES FOR STATIONARY MACHINES



BRUSHES

Stationary machines

Important user information

Brushes for stationary machines



To be noted when selecting brushes and using stationary machines:

1. General user information

Brushes for stationary machines are suitable for bench deburrers, double grinders and special deburring machines.

2. Typical brushes for stationary machines



Wheel brushes

Available with knotted and crimped wire, as well as abrasive filament trim.



End brushes

Available for brush heads for cut edge finishing.

Standard bores for single-row brushes

Brush Ø		Bore Ø (mm)		13	15.9	16	19	20	22.2	25.4	30	31.8	32	35	38	40	44.4	50.8
mm	Inches	Inch (")			5/8"		3/4"		7/8"	1"		1 1/4"		1 3/8"				2"
75	3			7,113														
100	4			7,213	7,215	7,216	7,219	7,220										
125	5			7,213	7,215	7,216	7,219	7,220	7,222**	7,225**	7,230**	7,231**						
150	6			7,413	7,415	7,416	7,419	7,420	7,422	7,425	7,430	7,431	7,432	7,435**		7,440**	7,444**	
178	7			7,413	7,415	7,416	7,419	7,420	7,422	7,425	7,430	7,431	7,432	7,435**	7,438**			
200	8						7,619	7,620	7,622	7,625	7,630	7,631	7,632	7,635	7,638**			7,642*
250	10							7,720	7,722	7,725	7,730	7,731	7,732	7,735		7,740		7,742*
300	12									7,925	7,930	7,931	7,932	7,935		7,940		7,942*
350	14											7,931	7,932	7,935		7,940		7,942*

* reducible using 4M adapter, with grooves. For details of reduction pieces, see "Technical Information for Brushes"

** only for single-ring REFILL

Standard bores for multi-row brushes

Pipe Ø		Bore Ø (mm)		9.53	10	12.7	13	16	19	20	22.2	25.4	30	31.8	32	35	40	50.8
mm	Inches	Inch (")		3/8"		1/2"		5/8"	3/4"		7/8"	1"		1 1/4"		1 3/8"		2"
20				8,109	8,110	8,112	8,113	8,116										
30				8,209	8,210	8,212	8,213	8,216	8,219	8,220	8,222	8,225						
50.8						8,412	8,413	8,416	8,419	8,420	8,422	8,425	8,430	8,431	8,432	8,435		
80								8,616	8,619	8,620	8,622	8,625	8,630	8,631	8,632	8,635	8,640	8,642
100										8,720	8,722	8,725	8,730	8,731	8,732	8,735	8,740	8,742
120												8,825	8,830	8,831	8,832	8,835	8,840	8,842



Important: Please always accompany your order with details of the desired bore (4-figure code from above tables).

If no bore is specified, we will supply the brush with the standard "B-min" bore.

Brushes

Stationary machines

Wheel brushes

knotted wire



USAGE

	0,25	0,35	0,50	0,60	0,80
roughening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
planing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
structuring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

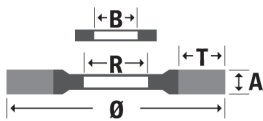
TRIM AND MATERIAL

Products available with:

Steel wire twist knot

Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

mm						0,35	RRP	0,50	RRP	0,80	RRP			
Ø	A	T	B min.	B max.	R	Adapt.	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
200	13	42	20	40		4-M	8500	1	0002-664 131	33,85	0002-664 151	32,35	0002-664 181	30,50
200	26	42	50,8		50,8		8500	1			0002-664 152	71,00		
200	35	42	35		35		8500	1			5462-664 153	106,00		
250	15	42	25,4	40		4-M	4500	2	0002-676 131	46,25	0002-676 151	45,70	0002-676 181	42,60
300	18	55	25,4	40		4-M	3600	2	0002-686 131	63,55	0002-686 151	62,00	0002-686 181	60,00



Wheel brushes

knotted Osborn wire



PREMIUM

Ideal for weld cleaning. Where a wide face is required, several brushes can be assembled onto one shaft.



USAGE

	0,25	0,35	0,50	0,60	0,80
roughening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
planing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
structuring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

Products available with:

Steel wire twist knot

Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

mm						Osborn 0,30	RRP	Osborn 0,35	RRP	Osborn 0,50	RRP
Ø	A	T	B	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
200	16	32	2"	8000	6	9907-026 099	64,65				
200	16	46	2"	8000	6					9906-026 240	147,00
200	18	46	1 1/4"	8000	12			9906-026 127	35,90	9906-026 245	34,35
250	16	43	2"	4500	6	9906-026 270	92,00	9906-026 271 *	79,60		
250	18	48	2"	4500	6			9906-026 198	70,35		
250	18	43	2"	4500	6			9906-026 183	50,40	9906-026 185	48,90
300	16	57	2"	3600	2	9906-026 275 *	148,00	9906-026 276 *	76,00	9906-026 279 *	74,05
300	18	57	2"	3600	2			9906-026 172	71,75	9906-026 236	70,70
380	20	67	2"	3600	2			9906-026 166	104,00	9906-026 167 *	98,80

* high knotted, very aggressive.

mm						Osborn 0,63	RRP				
Ø	A	T	B	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
200	18	46	1 1/4"	8000	12	9906-026 133	33,75				
250	15	43	2"	4500	6	9906-026 272 *	75,55				

* high knotted, very aggressive.

Brushes

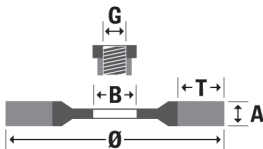
Stationary machines

Joint brushes

knotted wire



For road building to clean expansion joints/gaps and narrow spots with adjusted working width.



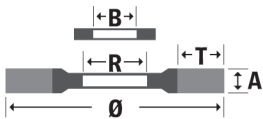
mm						0,50	RRP	0,80	RRP
Ø	A	T	B	min-1	pcs.	Order-No.	€	Order-No.	€
300	4	68	20	3600	6	9802-026 560	41,05		
300	6	68	20	3600	6	9802-026 561	43,10	9802-026 581	59,90
300	8	68	20	3600	6	9802-026 562	51,75	9802-026 582	71,70
300	10	68	20	3600	6	9802-026 563	63,60	9802-026 583	88,95

Wheel brushes

crimped wire



One row type.



USAGE

	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
planing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
structuring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

Products available with:

Steel wire crimped

Stainless steel

Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

mm										0,20	RRP	0,30	RRP	
Ø	A	T	B min.	B max.	R	Adapt.	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
75	11	15	13	13			10000	5	0002-511 141	10,15	0002-511 161	9,10		
100	13	23	13	20			8000	8			0002-522 161	11,10		
100	13	23	13	30			8000	8	0002-522 141	12,75				
125	15	35	13	20			6000	5			0002-532 161	11,60		
150	16	32	13	32			6000	4	0002-544 141	19,50				
150	16	32	13	32			6000	8			0002-544 161	13,70		
178	18	45	13	32			6000	4	0002-554 141	21,80				
178	18	45	13	32			6000	8			0002-554 161	15,90		
200	19	38	19	40	50,8	4-M	4500	1			0002-566 161	20,45		
200	19	38	19	40	50,8	4-M	4500	2	0002-566 141	26,00				
250	22	35	20	40	50,8	4-M	3600	2	0002-576 141	55,35	0002-576 161	40,40		
300	26	58	20	40	50,8	4-M	3000	2	0002-587 141	76,25				
300	26	58	20	40	20		3000	1			0002-587 161	49,55		

* TÜV-Certification planned.

mm										0,20	RRP	0,30	RRP	
Ø	A	T	B min.	B max.	R	Adapt.	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
75	11	15	13	13			10000	5	0002-511 341	13,65	0002-511 361	12,15		
100	13	23	13	20			8000	8	0002-522 341	19,35	0002-522 361	17,65		
125	15	35	13	20			6000	5	0002-532 341	26,90	0002-532 361	25,00		
150	16	32	13	32			6000	3	0002-544 341	31,70	0002-544 361	31,15		
178	18	45	13	32			6000	4			0002-554 361	34,10		
200	19	38	19	40	50,8	4-M	4500	1	0002-554 341	32,00				
200	19	38	19	40	50,8	4-M	4500	2	0002-566 341	35,65	0002-566 361	37,00		
250	22	35	20	40	50,8	4-M	3600	2	0002-576 341	93,95	0002-576 361	89,25		
300	26	58	20	40	50,8	4-M	3000	2	0002-587 341	109,00	0002-587 361	101,00		

* TÜV-Certification planned.

Brushes

Stationary machines

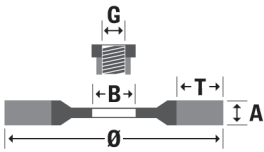
Wheel brushes

crimped Osborn wire



PREMIUM

For wider surfaces several brushes can be mounted together.



USAGE

	0,25	0,35	0,50	0,60	0,80
roughening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
planing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
structuring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

Products available with:

Steel wire crimped → Steel Cast steel Stainless steel Non-ferrous metal Aluminium Soft wood Hard wood

Stainless steel → Steel Cast steel Stainless steel Non-ferrous metal Aluminium Soft wood Hard wood

mm								Osborn 0,15	RRP	Osborn 0,20	RRP	Osborn 0,30	RRP
Ø	A	T	B	G	Adapt.	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
100	12	20	16			6000	2	9906-021 002	35,80				
100	16	20	31,75			6000	1	9906-022 191	39,05	9906-022 193	30,50	9906-022 195	22,25
100	25	20	31,75			6000	1	9906-022 167	99,20	9906-022 169	60,25		
125	18	28	50,8			6000	1	9906-022 051	38,05	9906-022 052	31,65		
150	14	29	31,75			6000	6	9906-021 009	32,35	9906-021 013	26,55	9906-021 163	22,95
150	20	26	50,8			6000	1	9906-022 061	43,75	9906-022 062	36,85	9906-022 065	32,65
150	32	26	50,8			6000	1			9906-022 006	97,95	9906-022 007	70,75
178	16	40	31,75			6000	1	9906-021 170	78,05				
178	22	40	50,8			6000	1	9906-022 071	122,00	9906-022 072	47,15	9906-022 075	41,75
178	42		50,8			6000	1			9906-022 032	98,25		
178	37	40	50,8			6000	1	9906-022 031	251,00				

mm								Osborn 0,35	RRP	Osborn 0,26	RRP		
Ø	A	T	B	G	Adapt.	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
100	12	20	16			6000	2			9906-021 055	30,90		
150	14	29	31,75			6000	6			9906-021 059	50,30		
150	20	26	50,8			6000	1	9906-022 066	30,95				
150	32	26	50,8			6000	1	9906-022 008	68,90				

mm								Osborn 0,15	RRP	Osborn 0,20	RRP	Osborn 0,26	RRP
Ø	A	T	B	G	Adapt.	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
200	18	37	50,8			4500	2	9906-021 183	99,20	9906-021 184	51,95		
200	22	37	50,8			4500	1	9906-022 081	81,40				
200	22	37	50,8			4500	2			9906-022 082	68,65		
200	42	37	50,8			4500	1	9906-022 010	281,00	9906-022 025	140,00		
250	10	60	31,75			3600	4					9907-021 557	217,00
250	26	60	50,8			3600	2	9906-013 007	121,00	9906-013 008	98,50		
300	28	60	50,8			3000	3			9906-013 020	129,00		
380	32	72	50,8			2400	2			9906-013 056	253,00		

mm								Osborn 0,30	RRP	Osborn 0,35	RRP	Osborn 0,50	RRP
Ø	A	T	B	G	Adapt.	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
200	22	37	50,8			4500	2	9906-022 085	61,45	9906-022 086	56,50	9906-022 088	52,95
200	42	37	50,8			4500	1	9906-022 026	111,00	9906-022 012	107,00		
250	26	60	50,8			3600	2	9906-013 009	88,10	9906-013 010	85,75	9906-013 011	79,75
300	28	60	50,8			3000	2	9906-013 021	119,00	9906-013 022	113,00	9906-013 023	107,00
380	32	72	50,8			2400	2	9906-013 057	169,00	9906-013 058	166,00		

Brushes

Stationary machines

4-M adapter



To reduce the bore of round brushes.

mm					RRP					
B	Zoll			pcs.	Order-No.	€	Order-No.	€	Order-No.	€
12,7	1/2"			1	0003-075 064	8,10				
15,9	5/8"			1	0003-075 065	8,10				
19	3/4"			1	0003-075 066	8,10				
22,2	7/8"			1	0003-075 067	8,10				
25,4	1"			1	0003-075 068	8,10				
28	1 1/8"			1	0003-075 069	7,90				
28	1 1/4"			1	0003-075 070	8,10				
38	1 1/2"			1	0003-075 071	8,10				
44,5	1 3/4"			1	0003-075 072	8,10				
50,8	2"			1	0003-075 073	7,75				

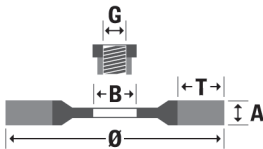
Wheel brushes

crimped Osborn wire



PREMIUM

Bonded. Ideal for uniform surfacetreatment and precise edge treatment. Optimum quality and controlled face width for high efficiency.



USAGE

	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
planing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
structuring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

Products available with:

Steel wire crimped → Steel Cast steel Stainless steel Non-ferrous metal Aluminium Soft wood Hard wood

Stainless steel → Steel Cast steel Stainless steel Non-ferrous metal Aluminium Soft wood Hard wood

mm					Osborn 0,15	RRP	Osborn 0,20	RRP	Osborn 0,26	RRP			
Ø	A	T	B	G	Adapt.	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
100	10		13-16			6000	4	9907-021 594	78,85			9907-021 595	73,80
150	10	29	31,75			6000	4	9907-021 503	97,35	9907-021 504	81,90	9907-021 506	79,45
150	25	27	2"			6000	1					9907-022 704	137,00

mm					Osborn 0,35	RRP	Osborn 0,50	RRP	Osborn 0,26	RRP			
Ø	A	T	B	G	Adapt.	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
150	5	29	22,2			8500	12			0002-921 874	53,15		
150	10	29	31,75			6000	4	9907-021 508	75,10			9907-021 528	113,00
178	5	41	22,2			8500	12			0002-921 875	54,50		
178	5	41	22,2	5/8"		8500	10			0002-921 889	56,10		
178	5	41	22,2	M14x2,0		8500	10			0002-921 876	121,00		

mm					Osborn 0,20	RRP	Osborn 0,26	RRP	Osborn 0,30	RRP			
Ø	A	T	B	G	Adapt.	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
200	10	38	31,75			4500	4			9907-021 512	95,80		
200	10	47	31,75			4500	4	9907-021 509					
200	14	38	50,8			4500	2	9907-022 773	129,00			9907-022 774	119,00
250	19	51	50,8			3600	2					9907-022 783	135,00
300	22	48	50,8			3000	2					9907-022 794	236,00

mm					Osborn 0,20	RRP	Osborn 0,35	RRP		RRP			
Ø	A	T	B	G	Adapt.	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
150	5	26		5/8"		6000	20			9907-021 899	106,00		
150	5	26		M14x2,0		8500	12			9907-021 900	112,00		
150	25	26	50,8			6000	1	9907-022 703	268,00	9907-022 718	371,00		
178	5	40		5/8"		6000	1			9907-021 889	123,00		

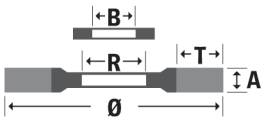
Brushes Stationary machines

Wheel brushes

crimped wire



Several rows, more aggressive type.



USAGE	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
planing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
structuring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

Products available with:

Steel wire crimped

Stainless steel

Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

mm								0,20	RRP	0,30	RRP	0,35	RRP
Ø	A	T	B min.	B max.	R	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
75	19	16		20	20	10000	4	9902-511 142	15,40	9902-511 162	14,65		
100	20	23		20	30	8000	5	9902-522 142	17,85	9902-522 162	14,65		
100	28	23		20	30	8000	5	9902-522 143	22,95	9902-522 163	20,85		
125	22	30		20	30	6000	5	9902-532 142	20,35	9902-532 162	16,80		
125	30	30		20	30	6000	5			9902-532 163	21,85		
150	21	25		31,75	50,8	6000	3	9902-544 441	27,80	9902-544 461	22,15	9902-544 471	21,95
150	30	25		31,75	50,8	6000	3	9902-544 442	34,35	9902-544 462	29,20	9902-544 472	29,10
150	30	29		31,75	50,8	6000	3	9902-544 142	27,80	9902-544 162	21,85	9902-544 172	21,75
150	37	29		31,75	50,8	6000	3	9902-544 143	34,35	9902-544 163	29,20	9902-544 173	29,20
178	23	38		31,75	50,8	6000	1	9902-554 441	33,80	9902-554 461	28,70	9902-554 471	28,55
178	32	38		31,75	50,8	6000	1	9902-554 142	33,80	9902-554 162	28,55	9902-554 172	28,55
178	38	38		31,75	50,8	6000	1	9902-554 143	45,00	9902-554 163	39,75	9902-554 173	39,75
200	20	38		31,75	80	4500	1	9902-566 441	42,95	9902-566 461	36,85	9902-566 471	36,55
200	30	38		31,75	80	4500	1	9902-566 142	42,95	9902-566 162	36,55	9902-566 172	36,55
200	38	38		31,75	80	4500	1	9902-566 143	60,80	9902-566 163	54,30	9902-566 173	54,30
250	28	47	20	50,8	100	3600	1	9902-576 142	66,85	9902-576 162	62,45		
250	38	47	20	50,8	100	3600	1	9902-576 143	69,75	9902-576 163	68,00	9902-576 173	67,70
250	55	47	20	50,8	100	3600	1			9902-576 464	91,90	9902-576 474	91,00
300	44	50	25,4	50,8	120	3000	1	9902-587 143	91,85	9902-587 163	78,80		
300	32	50	25,4	50,8	120	3000	1	9902-587 142	79,65	9902-587 162	66,85		

* TÜV-Certification planned.

mm								0,50	RRP				
Ø	A	T	B min.	B max.	R	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
150	21	25		31,75	50,8	6000	3	9902-544 491	21,50				
150	30	25		31,75	50,8	6000	3	9902-544 492	28,90				
150	30	29		31,75	50,8	6000	3	9902-544 192	21,45				
150	37	29		31,75	50,8	6000	3	9902-544 193	29,00				
178	23	38		31,75	50,8	6000	1	9902-554 491	28,25				
178	32	38		31,75	50,8	6000	1	9902-554 192	28,25				
178	38	38		31,75	50,8	6000	1	9902-554 193	39,35				
200	20	38		31,75	80	4500	1	9902-566 491	36,35				
200	30	38		31,75	80	4500	1	9902-566 192	36,35				
200	38	38		31,75	80	4500	1	9902-566 193	53,90				
250	28	47	20	50,8	100	3600	1	9902-576 192	62,10				
250	38	47	20	50,8	100	3600	1	9902-576 193	67,20				
300	32	50	25,4	50,8	120	3000	1	9902-587 192	66,45				
300	44	50	25,4	50,8	120	3000	1	9902-587 193	78,50				

* TÜV-Certification planned.

mm								0,20	RRP	0,30	RRP		
Ø	A	T	B min.	B max.	R	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
75	19	16		20	20	10000	4	9902-511 342	30,40	9902-511 362	21,65		
100	20	23		20	30	8000	4	9902-522 342	40,05	9902-522 362	35,50		
100	28	23		20	30	8000	4	9902-522 343	50,20	9902-522 363	49,60		
125	22	30		20	30	6000	2	9902-532 342	49,60	9902-532 362	45,75		
125	30	30		20	30	6000	2	9902-532 343	66,55	9902-532 363	62,80		
150	21	25		31,75	50,8	6000	2	9902-544 341	63,50	9902-544 361	60,90		
150	30	25		31,75	50,8	6000	2	9902-544 342	92,05	9902-544 362	87,20		
150	30	29		31,75	50,8	6000	2	9902-544 343	65,60	9902-544 362	61,90		
150	37	29		31,75	50,8	6000	2	9902-544 343	92,05	9902-544 363	81,20		
178	23	38		31,75	50,8	6000	1	9902-554 341	81,50	9902-554 361	76,05		
178	32	38		31,75	50,8	6000	1	9902-554 342	83,40	9902-554 362	77,90		
178	38	38		31,75	50,8	6000	1			9902-554 363	98,95		
200	20	38		31,75	80	4500	1	9902-566 341	97,25	9902-566 361	90,85		
200	30	38		31,75	80	4500	1	9902-566 342	99,65	9902-566 362	93,05		
200	38	38		31,75	80	4500	1	9902-566 343	128,00	9902-566 363	128,00		
250	28	47	20	50,8	100	3600	1	9902-576 342	124,00	9902-576 362	117,00		
250	38	47	20	50,8	100	3600	1	9902-576 343	153,00	9902-576 363	147,00		
300	32	50	25,4	50,8	120	3000	1	9902-587 342	132,00	9902-587 362	135,00		
300	44	50	25,4	50,8	120	3000	1	9902-587 343	195,00	9902-587 363	189,00		

* TÜV-Certification planned.

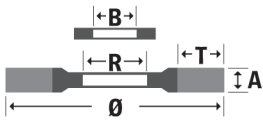
Brushes

Stationary machines

Wheel brushes crimped wire



Several rows, more flexible type.



USAGE

	0,15	0,20	0,25/0,27
roughening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
planing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
structuring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

Products available with:

Steel wire crimped	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stainless steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Brass wire	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire crimped	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stainless steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Brass wire	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

mm								0,20	RRP	0,30	RRP
Ø	A	T	B min.	B max.	R	min-1	pcs.	Order-No.	€	Order-No.	€
150	24	43		20	30	6000	3	9902-543 142	23,10	9902-543 162	20,35
150	32	43		20	30	6000	3	9902-543 143	32,35	9902-543 163	26,90
178	32	43		31,75	50,8	6000	1			9902-553 162	24,35
178	40	43		31,75	50,8	6000	1			9902-553 163	33,60
200	33	55		31,75	50,8	4500	1	9902-565 142	34,10	9902-565 162	27,05
200	42	55		31,75	50,8	4500	1	9902-565 143	49,75	9902-565 163	39,20
250	32	63	20	50,8	80	3600	1	9902-575 142 *	51,70	9902-575 162 *	43,10
250	42	63	20	50,8	80	3600	1	9902-575 143 *	71,15	9902-575 163 *	59,85
300	33	70	25,4	50,8	100	3000	1	9902-586 142 *	73,25	9902-586 162 *	61,00
300	45	70	25,4	50,8	100	3000	1			9902-586 163 *	78,05

* TÜV-Certification planned.

mm								0,20	RRP	0,30	RRP
Ø	A	T	B min.	B max.	R	min-1	pcs.	Order-No.	€	Order-No.	€
150	24	43		20	30	6000	2	9902-543 342	63,55	9902-543 362	48,10
150	32	43		20	30	6000	2	9902-543 343	87,15	9902-543 363	80,35
178	32	43		31,75	50,8	6000	1	9902-553 342	71,15	9902-553 362	61,20
178	40	43		31,75	50,8	6000	1	9902-553 343	88,95	9902-553 363	85,10
200	33	55		31,75	50,8	4500	1	9902-565 342	103,00	9902-565 362	95,65
200	42	55		31,75	50,8	4500	1	9902-565 343	123,00		
250	32	63	20	50,8	80	3600	1	9902-575 342 *	119,00	9902-575 362 *	105,00
250	42	63	20	50,8	80	3600	1	9902-575 343 *	130,00		
300	33	70	25,4	50,8	100	3000	1	9902-586 342 *	129,00	9902-586 362 *	125,00
300	45	70	25,4	50,8	100	3000	1	9902-586 343 *	178,00	9902-586 363 *	179,00

* TÜV-Certification planned.

mm								0,20	RRP	0,30	RRP
Ø	A	T	B min.	B max.	R	min-1	pcs.	Order-No.	€	Order-No.	€
150	24	43		20	30	6000	2	9902-543 542	54,90	9902-543 562	48,60
150	32	43		20	30	6000	2	9902-543 543	77,90	9902-543 563	72,65
178	32	43		31,75	50,8	6000	1	9902-553 542	62,45	9902-553 562	57,05
200	33	55		31,75	50,8	4500	1	9902-565 542	75,90	9902-565 562	67,95
250	32	63	20	50,8	80	3600	1			9902-575 562 *	104,00
250	42	63	20	50,8	80	3600	1			9902-575 563 *	127,00
300	33	70	25,4	50,8	100	3000	1	9902-586 542 *	110,00		
300	45	70	25,4	50,8	100	3000	1	9902-586 543 *	165,00	9902-586 563 *	159,00

* TÜV-Certification planned.



Universal usage of the brushes through a range of bore adapters:

Ø 75-125 mm: 20 mm = 1/2"; 5/8" Ø 150-200 mm: 31,75 mm = 13mm; 15mm; 16mm; 19mm; 20 mm; 7/8"; 1".

Important: When ordering brushes Ø 250-300 mm please clearly state your arbor hole requirements.

Brushes

Stationary machines

Wheel brushes

crimped wire



USAGE		0,15		0,20		0,25/0,27		0,30		0,35		0,40		0,50	
roughening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
planing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
structuring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

Products available with:

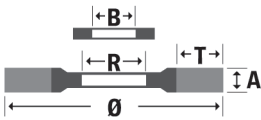
Steel wire crimped →

Stainless steel →

Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

mm						0,20	RRP	0,30	RRP	0,35	RRP
Ø	T	B min.	R	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
250	45	100	100	3600	1	0002-576 145	165,00	0042-576 165	148,00		
250	45	82	100	3600	1	3132-703 147	224,00	3162-703 167	183,00		
300	50	100	100	2800	1					0002-586 175	201,00
300	70	82	100	2800	1					3132-703 178	271,00

For table-deburring machines to process raw edges.



mm						0,50	RRP
Ø	T	B min.	R	min-1	pcs.	Order-No.	€
250	45	100	100	3600	1	0002-576 195	136,00
250	45	82	100	3600	1	3232-703 197	179,00

mm						0,20	RRP	0,30	RRP	0,35	RRP
Ø	T	B min.	R	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
250	45	82	100	3600	1	0022-576 345	308,00			0022-576 375	283,00
250	45	100	100	3600	1	0002-576 345	311,00	0042-576 365	283,00		
250	45	82	100	2800	1	3132-703 347	540,00			3142-703 377	465,00
300	70	100	100	2800	1					3142-703 378	690,00

mm						0,50	RRP
Ø	T	B min.	R	min-1	pcs.	Order-No.	€
250	45	100	100	3600	1	0002-576 395	254,00
250	45	82	100	2800	1	3432-703 397	460,00

mm						0,20 Steel wire	RRP	0,35 Steel wire	RRP	0,50 Steel wire	RRP
Ø	T	B min.	R	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
250	45	100	100	3600	1	0002-576 445	205,00	0002-576 475	188,00	0002-576 495	182,00

Wheel brushes

abrasive filament



USAGE		40/46		60		80		120		180		320		Fibre	
roughening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
planing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
structuring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

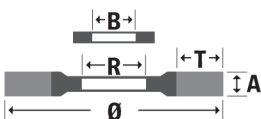
Products available with:

Abrasive bristle →

Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

mm						Novofil 120	RRP	Novofil 180	RRP	Novofil 320	RRP
Ø	T	R	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€	
250	45	100	3600	1	0002-576 906	231,00	0002-576 916	231,00	0002-576 926	231,00	

For table-deburring machines to process raw edges.



Brushes

Stationary machines

Axle plates



mm



B	i			pcs.	Order-No.	Order-No.	Order-No.
50,8	13,2x7,1			1	5495-560 051		
52,9	13,5x6,4			1	5495-560 052		
54,7	13,6x5,8			1	5495-560 054		
80,2	13,5x7,5			1	5495-560 080		
82	13,5x6,4			1	5495-560 082		

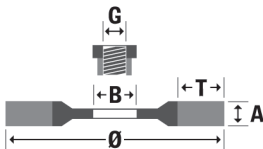
Wheel brushes

abrasive filament



PREMIUM

For wet-treatment. Flexible brush, adapting itself to the workpiece.



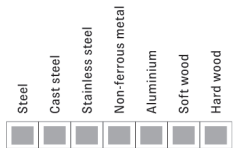
USAGE

	40/46	60	80	120	180	320	Fibre
roughening	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
planing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
edge honing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
structuring	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
descaling/paint stripping	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

Products available with:

Abrasive bristle →



mm



Ø	A	T	B	min-1	pcs.	Grit 80	RRP	Grit 120	RRP	Grit 180	RRP
						Order-No.	€	Order-No.	€	Order-No.	€
75	12	15	5/8"	20000	6	9906-015 001	24,60	9906-015 002	24,60	9906-015 003	24,60
100	13	20	5/8"	12000	6	9906-015 025	27,85	9906-015 026	27,85	9906-015 027	27,85
125	16	32	5/8"	12000	6	9906-015 035	33,50	9906-015 036	33,50	9906-015 037	33,50
150	17	32	7/8"	8000	6	9906-015 079	40,60	9906-015 080	40,60	9906-015 081	40,60
178	20	47	7/8"	8000	2	9906-015 040	56,65	9906-015 041	56,65	9906-015 042	56,65
200	18	35	2"	6000	2	9906-015 050	80,55	9906-015 051	80,55	9906-015 052	80,55
250	18	35	2"	3000	2	9906-015 056	101,00	9906-015 057	101,00	9906-015 058	101,00
250	18	60	2"	3600	2	9946-015 056	96,90	9946-015 057	96,90	9946-015 058	96,90
300	18	35	2"	2400	2	9906-015 062	145,00	9906-015 063	145,00	9906-015 064	145,00
300	18	60	2"	3000	2	9966-015 062	141,00	9966-015 063	141,00	9966-015 064	141,00
350	19	55	2"	2400	2			9906-015 069	172,00	9906-015 070	172,00

mm



Ø	A	T	B	min-1	pcs.	Grit 320	RRP	Grit 120	RRP		
						Order-No.	€	Order-No.	€	Order-No.	€
75	12	15	5/8"	20000	6	9906-015 004	24,60	9916-015 002	23,50		
100	13	20	5/8"	12000	6	9906-015 028	27,85	9916-015 026	26,65		
125	16	32	5/8"	12000	6	9906-015 038	33,50				
150	17	32	7/8"	8000	6	9906-015 082	40,60	9916-015 080	38,85		
178	20	47	7/8"	8000	2	9906-015 043	56,65	9916-015 041	54,20		
200	18	35	2"	6000	2	9906-015 053	80,55	9916-015 051	77,05		
250	18	35	2"	3000	2	9906-015 059	101,00	9916-015 057	95,90		
250	18	60	2"	3600	2	9946-015 059	96,90				
300	18	35	2"	2400	2	9906-015 065	145,00				
300	18	60	2"	3000	2	9966-015 065	141,00	9976-015 063	138,70		
300	18	32,5	2"	2400	2			9916-015 063	138,70		
350	19	55	2"	2400	2	9906-015 071	172,00	9916-015 069	164,30		

Brushes

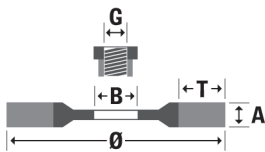
Stationary machines

Wheel brushes

abrasive filament



Mounted individually or together on a shaft.



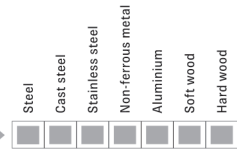
USAGE

	40/46	60	80	120	180	320	Fibre
roughening	■	■	■	■	■	■	■
planing	■	■	■	■	■	■	■
deburring	■	■	■	■	■	■	■
edge honing	■	■	■	■	■	■	■
structuring	■	■	■	■	■	■	■
descaling/paint stripping	■	■	■	■	■	■	■
weld seams	■	■	■	■	■	■	■

TRIM AND MATERIAL

Products available with:

Abrasive bristle →



mm								Novofil 80	RRP	Novofil 120	RRP	Novofil 180	RRP	
Ø	A	T	B min.	B max.	R	Adapt.	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
75	12	13		13			20000	6	9902-515 001	19,80	9902-515 002	19,80	9902-515 003	19,80
100	18	18	13	20			12000	6	9902-515 025	23,75	9902-515 026	23,75	9902-515 027	23,75
150	16	32	13	32	50,8		8000	6	9902-515 079	35,15			9902-515 081	35,15
150	18	32	13	32	50,8		8000	6			9902-515 080	35,15		
178	20	45	13	32			8000	4	9902-515 040	46,50	9902-515 041	46,50	9902-515 042	46,50
200	18	35	19	40	50,8	4-M	6000	2	9902-515 050	65,65	9902-515 051	65,65	9902-515 052	65,65
250	18	35	20	40	50,8	4-M	3600	2			9902-515 057	81,95		
250	18	60	20	40	50,8	4-M	3600	2	9962-515 056	82,25	9962-515 057	82,25	9962-515 058	82,25
250	20	35	20	40	50,8	4-M	3600	2	9902-515 056	81,95			9902-515 058	81,95
300	18	34	25,4	40	50,8	4-M	3000	2			9902-515 063	118,00		
300	20	34	25,4	40	50,8	4-M	3600	2	9902-515 062	118,00				
300	20	34	25,4	40	50,8	4-M	3000	2					9902-515 064	118,00
300	20	60	25,4	40	50,8	4-M	3000	2	9962-515 062	118,00	9962-515 063	118,00	9962-515 064	118,00
350	20	57	32	40	50,8	4-M	2400	2			9902-515 069	140,00		

mm								Novofil 320	RRP					
Ø	A	T	B min.	B max.	R	Adapt.	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
75	12	13		13			20000	6	9902-515 004	19,80				
100	18	18	13	20			12000	6	9902-515 028	23,75				
150	18	32	13	32	50,8		8000	6	9902-515 082	35,15				
178	18	45	13	32			8000	4	9902-515 043	46,50				
200	18	35	19	40	50,8	4-M	6000	2	9902-515 053	65,65				
250	18	60	20	40	50,8	4-M	3000	2	9962-515 059	82,25				
250	20	35	20	40	50,8	4-M	3600	2	9902-515 059	81,95				
300	20	34	25,4	40	50,8	4-M	3000	2	9902-515 065	118,00				
300	20	60	25,4	40	50,8	4-M	3000	2	9962-515 065	118,00				
350	18	57	32	40	50,8	4-M	2400	2	9902-515 071	140,00				

4-M adapter



To reduce the bore of round brushes.

mm				4-M adapter	RRP				
B	Zoll			pcs.	Order-No.	€	Order-No.	€	Order-No.
12,7	1/2"			1	0003-075 064	8,10			
15,9	5/8"			1	0003-075 065	8,10			
19	3/4"			1	0003-075 066	8,10			
22,2	7/8"			1	0003-075 067	8,10			
25,4	1"			1	0003-075 068	8,10			
28	1 1/8"			1	0003-075 069	7,90			
28	1 1/4"			1	0003-075 070	8,10			
38	1 1/2"			1	0003-075 071	8,10			
44,5	1 3/4"			1	0003-075 072	8,10			
50,8	2"			1	0003-075 073	7,75			

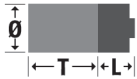
Brushes

Stationary machines

End brushes



To deburr the raw edge of tubes/profiles or flat surfaces. A set (8,16,24pcs) are fitted in a brush head.



USAGE

	80	120	120 Mix	180	0,20	0,27	0,35	0,50
roughening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
planing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
edge honing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
structuring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
descaling/paint stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

Products available with:

	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire straight	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stainless steel	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Abrasive bristle	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

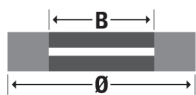
mm					0,20 CD Steel wire	RRP	0,35 CD Steel wire	RRP	0,50 CD Steel wire	RRP
Ø	T	L		pcs.	Order-No.	€	Order-No.	€	Order-No.	€
25	95	25		16	0002-509 448	9,00	0002-509 478	8,40	0002-509 498	7,85

mm					0,20	RRP	120	RRP	120 Mix	RRP
Ø	T	L		pcs.	Order-No.	€	Order-No.	€	Order-No.	€
25	95	25		16	0002-509 348	15,70	0002-509 928	9,95	5702-509 938	11,95

mm					0,27 Rusticord	RRP	80	RRP	180	RRP
Ø	T	L		pcs.	Order-No.	€	Order-No.	€	Order-No.	€
25	95	25		16	3212-509 068	8,90	0002-509 908	9,95	0002-509 988	9,95

mm					0,35	RRP		RRP		RRP
Ø	T	L		pcs.	Order-No.	€	Order-No.	€	Order-No.	€
25	95	25		16	0002-509 378	19,40				

F-adapter



mm			RRP	
Ø	B	pcs.	Order-No.	€
		1	0003-000 223	0,35
		1	0003-000 242	0,40
		1	0003-000 243	0,40
		1	0003-000 244	0,40

Brushes

Stationary machines

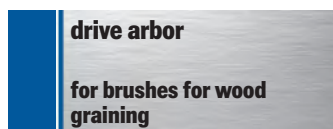
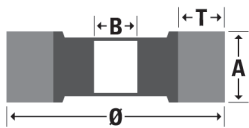


Brushes for wood graining

Ø	mm		min-1	pcs.	0,17 Rusticord	RRP	0,20 Rusticord	RRP	80 Rustifil	RRP
	A	B			Order-No.	€	Order-No.	€	Order-No.	€
100	100	16	4000	1	3142-703 032	113,00				
150	80	16	4000	1						
150	80	16/30	4000	1				0142-703 914	272,00	
150	85	16	4000	1				1632-703 914	272,00	
150	85	16/30	4000	1				3242-703 915	272,00	
150	120	16	4000	1				1632-703 044	161,00	
150	120	30	4000	1				1632-703 044	161,00	
150	120	30	4000	1				0262-713 044	199,00	
150	140	30	4000	1				2102-713 044	217,00	
								0362-713 044	227,00	
										286,00
										368,00
										368,00
										392,00

Ø	mm		min-1	pcs.	0,15 Fibre/Phos.	RRP				
	A	B			Order-No.	€	Order-No.	€	Order-No.	€
150	120	30	4000	1	3242-713 904	599,00				
150	140	30	4000	1	3142-713 904	626,00				

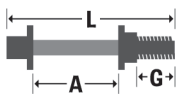
For hand held and stationary machines.



drive arbor

for brushes for wood graining

	mm		pcs.	RRP					
	G	L		Order-No.	€	Order-No.	€	Order-No.	€
	M16/M14	90	1	0083-000 105	23,00				
	M16/M14	105	1	0183-000 105	23,00				
	M16/M14	125	1	0283-000 105	23,00				



HAND BRUSHES



BRUSHES

Hand brushes



Important user information

Brushes for manual use/hand brushes



To be noted when selecting brushes and using manual hand brushes:

1. General user information

Our hand brushes are suitable for all manual work such as deburring, cleaning, rust or paint removal. We also have brushes for various kinds of painting and decorating.

2. Typical brush types for manual use



Hand brushes

Available in brushes with wooden or plastic bodies, and block brushes.



Brooms

Available with wire or nylon trim, plus floor and scrubbing brushes.



Bristles

Available with flat, round and special bristles.



Accessories

We also have a selection of useful accessories.



Brushes

Hand brushes

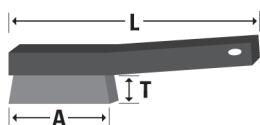
Hand scratch brushes plastic handle



USAGE		wire crimped/smooth		brass		flat wire		scratch strip		Nylon/PVC		natural bristle		phosphorbronze	
descaling/paint stripping	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
etching	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
brushing/dust removal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
painting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
light cleaning work	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL		Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Products available with:		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Steel wire		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stainless steel		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Brass wire		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

mm		0,30 Crimped		RRP	0,30 Crimped		RRP	0,30 Crimped		RRP
A	T	L	Rows	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
140	25	265	1	24	0008-462 291	2,15	0008-462 391	5,50	0008-462 591	5,50



mm		0,30 Brass-coated		RRP						
A	T	L	Rows	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
140	25	265	1	24	0008-462 091	2,15				

Hand scratch brushes plastic handle

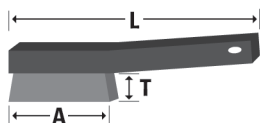


USAGE		wire crimped/smooth		brass		flat wire		scratch strip		Nylon/PVC		natural bristle		phosphorbronze	
descaling/paint stripping	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
etching	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
brushing/dust removal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
painting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
light cleaning work	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL		Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Products available with:		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Steel wire		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stainless steel		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Brass wire		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

mm		0,20 Straight		RRP	0,30 Straight		RRP	0,35 Crimped		RRP
A	T	L	Rows	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
100	23	280	2	10	0008-462 132	3,25	0008-451 332	6,15	0008-447 572	6,15
100	23	280	3	10	0008-462 133	4,25	0008-451 333	7,50	0008-447 573	7,50
100	23	280	4	10	0008-462 134	4,95	0008-451 334	7,95	0008-447 574	7,95

Ergonomically shaped plastic handle.



Brushes

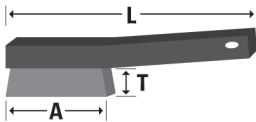
Hand brushes

Hand scratch brushes

plastic handle



Type with PVC or nylon trim for particularly mild cleaning.



USAGE

	<input type="checkbox"/>	wire crimped/smooth
	<input type="checkbox"/>	brass
	<input type="checkbox"/>	flat wire
	<input type="checkbox"/>	scratch strip
	<input type="checkbox"/>	Nylon/PVC
	<input type="checkbox"/>	natural bristle
	<input type="checkbox"/>	phosphorbronze

descaling/paint stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
etching	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
brushing/dust removal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
painting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
light cleaning work	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

Products available with:

Steel wire	<input checked="" type="checkbox"/>	Steel	<input type="checkbox"/>	Cast steel	<input type="checkbox"/>	Stainless steel	<input type="checkbox"/>	Non-ferrous metal	<input type="checkbox"/>	Aluminium	<input type="checkbox"/>	Soft wood	<input type="checkbox"/>	Hard wood
Nylon	<input checked="" type="checkbox"/>													

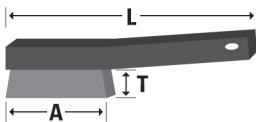
mm						0,35 Straight	RRP	0,30 White	RRP	0,20 Black	RRP
A	T	L	Rows	pcs.		Order-No.	€	Order-No.	€	Order-No.	€
140	23	280	3	10		0001-433 523	3,35	0001-433 503	3,25	0001-433 513	3,25

Hand scratch brushes

plastic handle



With anti-slip handle. Ideal shape to clean brake arches.



USAGE

	<input type="checkbox"/>	wire crimped/smooth
	<input type="checkbox"/>	brass
	<input type="checkbox"/>	flat wire
	<input type="checkbox"/>	scratch strip
	<input type="checkbox"/>	Nylon/PVC
	<input type="checkbox"/>	natural bristle
	<input type="checkbox"/>	phosphorbronze

descaling/paint stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
etching	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
brushing/dust removal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
painting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
light cleaning work	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

Products available with:

Steel wire	<input checked="" type="checkbox"/>	Steel	<input type="checkbox"/>	Cast steel	<input type="checkbox"/>	Stainless steel	<input type="checkbox"/>	Non-ferrous metal	<input type="checkbox"/>	Aluminium	<input type="checkbox"/>	Soft wood	<input type="checkbox"/>	Hard wood
Stainless steel	<input checked="" type="checkbox"/>													
Brass wire	<input checked="" type="checkbox"/>													

mm						0,35 Straight	RRP	0,35 Straight	RRP	0,20 Crimped	RRP
A	T	L	Rows	pcs.		Order-No.	€	Order-No.	€	Order-No.	€
110	23	270	1	5				0001-432 611	8,45		
110	23	270	2	5		0001-432 602	4,60	0001-432 612	9,20	0001-432 622	8,75
110	23	270	3	5		0001-432 603	5,55	0001-432 613	10,45	0001-432 623	9,80
110	23	270	4	5		0001-432 604	6,35	0001-432 614	12,30	0001-432 624	11,25
110	23	270	5	5		0001-432 605	7,20	0001-432 615	13,20	0001-432 625	11,85

Brushes

Hand brushes

Hand scratch brushes

plastic handle



USAGE

descaling/paint stripping weld seams etching brushing/dust removal painting light cleaning work

wire crimped/smooth brass flat wire scratch strip Nylon/PVC natural bristle phosphorbronze

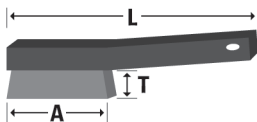
TRIM AND MATERIAL

Products available with:

Steel wire Steel Cast steel Stainless steel Non-ferrous metal Aluminium Soft wood Hard wood

Brass wire

With anti-slip handle. Ideal shape to clean brake arches.



mm						0,30 Straight	RRP	0,35 Crimped	RRP	0,30 Crimped	RRP
A	T	L	Rows	pcs.		Order-No.	€	Order-No.	€	Order-No.	€
95	23	245	2	10		3301-462 122	5,90	3301-462 162	5,90	3301-462 562	8,30

Hand scratch brushes

wooden handle



USAGE

descaling/paint stripping weld seams etching brushing/dust removal painting light cleaning work

wire crimped/smooth brass flat wire scratch strip Nylon/PVC natural bristle phosphorbronze

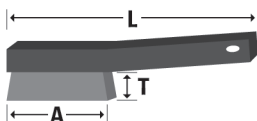
TRIM AND MATERIAL

Products available with:

Steel wire Steel Cast steel Stainless steel Non-ferrous metal Aluminium Soft wood Hard wood

Stainless steel

Brass wire



mm						0,25 Flat	RRP	0,30 Straight brass-coated	RRP	0,35 Straight	RRP
A	T	L	Rows	pcs.		Order-No.	€	Order-No.	€	Order-No.	€
140	23	285	1	12						0001-152 131	1,00
145	25	295	2	12				0001-152 022	1,05	0001-152 132	1,05
145	25	295	3	12				0001-152 023	1,15	0001-152 133	1,15
145	25	295	4	12		0003-151 124	3,10	0001-152 024	1,35	0001-152 134	1,35
145	25	295	5	12		0001-151 125	2,45	0001-152 025	1,55	0001-152 135	1,55
145	25	295	6	12						0001-152 136	1,75
145	25	295	2	100				0001-151 022	1,00	0001-151 132	1,00
145	25	295	3	100				0001-151 023	1,10	0001-151 133	1,10
145	25	295	4	100				0001-151 024	1,30	0001-151 134	1,30
145	25	295	5	100				0001-151 025	1,50	0001-151 135	1,50
145	25	295	6	100						0001-151 136	1,70

mm						0,30 Straight	RRP	0,30 Crimped	RRP	0,30 VA4 Straight	RRP
A	T	L	Rows	pcs.		Order-No.	€	Order-No.	€	Order-No.	€
145	25	295	2	12		0001-151 332	4,90	0001-151 392	4,30	0001-152 332	6,20
145	25	295	3	12		0001-151 333	5,90	0001-151 393	4,95	0001-152 333	7,35
145	25	295	4	12		0001-151 334	6,85	0001-151 394	5,60	0001-152 334	8,30
145	25	295	5	12		0001-151 335	7,60	0001-151 395	6,65	0001-152 335	9,00

mm						0,15 Crimped	RRP	0,25 Straight	RRP	0,30 Crimped	RRP
A	T	L	Rows	pcs.		Order-No.	€	Order-No.	€	Order-No.	€
145	25	295	2	12		0003-147 572	3,35	0001-158 522	3,80	0001-150 592	3,10
145	25	295	3	12		0003-147 573	3,80	0001-158 523	4,80	0001-150 593	3,55
145	25	295	4	12		0003-147 574	4,75	0001-158 524	5,30	0001-150 594	4,35
145	25	295	5	12		0003-147 575	5,35			0001-150 595	4,90
145	25	295	6	12						0001-150 596	6,10

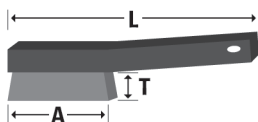
Brushes

Hand brushes

Hand scratch brushes wooden handle



Profi type.



USAGE

wire crimped/smooth
 brass
 flat wire
 scratch strip
 Ni/low/PVC
 natural bristle
 phosphorbronze

descaling/paint stripping
 weld seams
 etching
 brushing/dust removal
 painting
 light cleaning work

TRIM AND MATERIAL

Products available with:

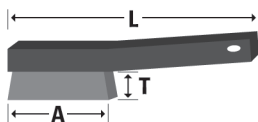
Steel wire	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Stainless steel							
Brass wire							

mm					0,35 Straight	RRP	0,35 Straight	RRP	0,30 Straight	RRP
A	T	L	Rows	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
160	30	310	3	12	0901-151 093	5,40	0901-152 333	12,10	0901-151 593	7,30
160	30	310	4	12	0901-151 094	7,25	0901-152 334	16,05	0901-151 594	8,55

Hand scratch brushes wooden handle



With scraper.



USAGE

wire crimped/smooth
 brass
 flat wire
 scratch strip
 Ni/low/PVC
 natural bristle
 phosphorbronze

descaling/paint stripping
 weld seams
 etching
 brushing/dust removal
 painting
 light cleaning work

TRIM AND MATERIAL

Products available with:

Steel wire	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Stainless steel							
Brass wire							

mm					0,35 Straight	RRP
A	T	L	Rows	pcs.	Order-No.	€
135	23	280	4	12	0001-181 134	4,15

Brushes

Hand brushes

Hand scratch brushes

wooden handle



USAGE

	wire crimped/smooth	<input type="checkbox"/>
	brass	<input type="checkbox"/>
	flat wire	<input type="checkbox"/>
	scratch strip	<input checked="" type="checkbox"/>
	Nylon/PVC	<input type="checkbox"/>
	natural bristle	<input type="checkbox"/>
	phosphorbronze	<input type="checkbox"/>
descaling/paint stripping	<input checked="" type="checkbox"/>	
weld seams	<input checked="" type="checkbox"/>	
etching	<input type="checkbox"/>	
brushing/dust removal	<input type="checkbox"/>	
painting	<input type="checkbox"/>	
light cleaning work	<input type="checkbox"/>	

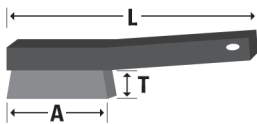
TRIM AND MATERIAL

Products available with:

Steel wire ➔ Steel Cast steel Stainless steel Non-ferrous metal Aluminium Soft wood Hard wood

Stainless steel ➔ Steel Cast steel Stainless steel Non-ferrous metal Aluminium Soft wood Hard wood

Perfect brush shape for hollow welds.



mm						0,35 Straight	RRP	0,35 Straight	RRP
A	T	L	Rows	pcs.	Order-No.	€	Order-No.	€	
145	35	295	3	12	0003-162 133	6,90	0003-162 333	13,60	

Hand scratch brushes

wooden handle



USAGE

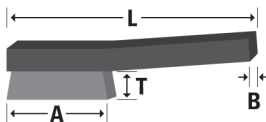
	wire crimped/smooth	<input type="checkbox"/>
	brass	<input type="checkbox"/>
	flat wire	<input type="checkbox"/>
	scratch strip	<input checked="" type="checkbox"/>
	Nylon/PVC	<input type="checkbox"/>
	natural bristle	<input type="checkbox"/>
	phosphorbronze	<input type="checkbox"/>
descaling/paint stripping	<input checked="" type="checkbox"/>	
weld seams	<input checked="" type="checkbox"/>	
etching	<input type="checkbox"/>	
brushing/dust removal	<input type="checkbox"/>	
painting	<input type="checkbox"/>	
light cleaning work	<input type="checkbox"/>	

TRIM AND MATERIAL

Products available with:

Steel wire ➔ Steel Cast steel Stainless steel Non-ferrous metal Aluminium Soft wood Hard wood

Type with curved handle for easy use.



mm						0,35 Straight	RRP		
A	T	L	Rows	B	pcs.	Order-No.	€	Order-No.	€
125	30	255	3	25	12	0101-180 093	2,70		
125	30	255	4	32	12	0101-180 094	2,85		

Brushes

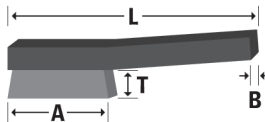
Hand brushes

Hand scratch brushes


wooden handle



Radiator brush with extra long handle.



USAGE



wire crimped/smooth
 brass
 flat wire
 scratch strip
 Ni/low/PVC
 natural bristle
 phosphorbronze

descaling/paint stripping
 weld seams
 etching
 brushing/dust removal
 painting
 light cleaning work

TRIM AND MATERIAL

Products available with:

Steel wire 

Steel
 Cast steel
 Stainless steel
 Non-ferrous metal
 Aluminium
 Soft wood
 Hard wood

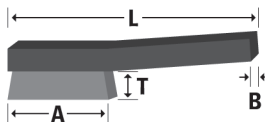
mm						0,25 Straight	RRP				
A	T	L	Rows	B	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
110	19	400	2	15	100	0001-192 112	2,80				
110	19	400	3	16	100	0001-192 113	3,35				

Hand scratch brushes


wooden handle



Fine scratch brush.



USAGE





wire crimped/smooth
 brass
 flat wire
 scratch strip
 Ni/low/PVC
 natural bristle
 phosphorbronze

descaling/paint stripping
 weld seams
 etching
 brushing/dust removal
 painting
 light cleaning work

TRIM AND MATERIAL

Products available with:

Brass wire 
 Natural bristle 

Steel
 Cast steel
 Stainless steel
 Non-ferrous metal
 Aluminium
 Soft wood
 Hard wood

mm						0,15 Crimped	RRP	0,15 Horsehair	RRP		
A	T	L	Rows	B	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
18	105	220	4	22	12	0003-165 584	4,40	0003-165 964	3,95		

Brushes

Hand brushes

Hand scratch brushes

wooden handle



Spark plug brushes.



USAGE

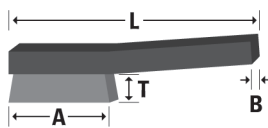
	wire crimped/smooth	brass	flat wire	scratch strip	Nylon/PVC	natural bristle	phosphorbronze
descaling/paint stripping	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
etching	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
brushing/dust removal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
painting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
light cleaning work	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

Products available with:

	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stainless steel	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Brass wire	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

mm						0,20 Straight	RRP	0,15 Crimped	RRP	0,20 Crimped	RRP
A	T	L	Rows	B	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
45	18	200	3	18	24	0004-133 073	2,05	2103-133 073	2,05	2103-133 373	2,05



mm						0,20 Crimped	RRP				
A	T	L	Rows	B	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
25	15	100	2	16	50	0003-131 572	1,25				
45	18	200	3	18	24	0003-133 573	2,05				
50	20	195	5	26	24	0003-134 575	2,60				

Hand scratch brushes

plastic handle



Spark plug brushes.



USAGE

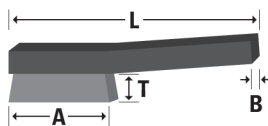
	wire crimped/smooth	brass	flat wire	scratch strip	Nylon/PVC	natural bristle	phosphorbronze
descaling/paint stripping	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
etching	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
brushing/dust removal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
painting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
light cleaning work	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

Products available with:

	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stainless steel	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Brass wire	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

mm						0,20 Crimped	RRP	0,20 Crimped	RRP	0,15 Crimped	RRP
A	T	L	Rows	B	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
33	15	180	3	24	24	0008-432 573	1,55	0023-133 373	4,80	2103-432 573	1,55



Brushes

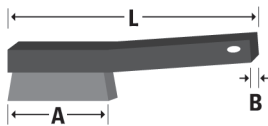
Hand brushes

Hand scratch brushes

wooden handle



File brushes with wire trim (scratch strip).



USAGE

	wire crimped/smooth	brass	flat wire	scratch strip	Nylon/PVC	natural bristle	phosphorbronze
descaling/paint stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
etching	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
brushing/dust removal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
painting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
light cleaning work	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

Products available with:

Steel wire	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

mm					Straight		RRP			
A	T	L	Rows	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
100		235		12	0003-140 101	2,30				
115		235		12	0003-140 102	3,20				
115		265		12	0003-140 104	4,40				

Butchersbrush

wooden handle



USAGE

	wire crimped/smooth	brass	flat wire	scratch strip	Nylon/PVC	natural bristle	phosphorbronze
descaling/paint stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
weld seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
etching	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
brushing/dust removal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
painting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
light cleaning work	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

Products available with:

Steel wire	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

mm					0,35 Straight		RRP				
A	T	L	B	Rows	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
100	30	115	42	5	12	0101-179 094	2,30				

Brushes

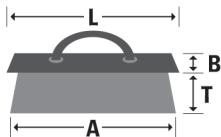
Hand brushes

Butchersbrush

wooden handle



Wood body with plastic handle.



USAGE

	wire crimped/smooth	<input type="checkbox"/>
	brass	<input type="checkbox"/>
	flat wire	<input type="checkbox"/>
	scratch strip	<input type="checkbox"/>
	Nylon/PVC	<input type="checkbox"/>
	natural bristle	<input type="checkbox"/>
	phosphorbronze	<input type="checkbox"/>
descaling/paint stripping	<input checked="" type="checkbox"/>	
weld seams	<input checked="" type="checkbox"/>	
etching	<input type="checkbox"/>	
brushing/dust removal	<input type="checkbox"/>	
painting	<input type="checkbox"/>	
light cleaning work	<input type="checkbox"/>	

TRIM AND MATERIAL

Products available with:

Steel	<input checked="" type="checkbox"/>
Cast steel	<input type="checkbox"/>
Stainless steel	<input type="checkbox"/>
Non-ferrous metal	<input type="checkbox"/>
Aluminium	<input type="checkbox"/>
Soft wood	<input type="checkbox"/>
Hard wood	<input type="checkbox"/>

mm						0,35 Straight	RRP	0,35 Straight	RRP		
A	T	L	B	Rows	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
190	40	205	60	5	10	0281-307 095	7,75	7601-306 095	6,30		

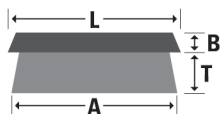
* with board

Butchersbrush

wooden handle



Violin shape.



USAGE

	wire crimped/smooth	<input type="checkbox"/>
	brass	<input type="checkbox"/>
	flat wire	<input type="checkbox"/>
	scratch strip	<input type="checkbox"/>
	Nylon/PVC	<input type="checkbox"/>
	natural bristle	<input type="checkbox"/>
	phosphorbronze	<input type="checkbox"/>
descaling/paint stripping	<input checked="" type="checkbox"/>	
weld seams	<input checked="" type="checkbox"/>	
etching	<input type="checkbox"/>	
brushing/dust removal	<input type="checkbox"/>	
painting	<input type="checkbox"/>	
light cleaning work	<input type="checkbox"/>	

TRIM AND MATERIAL

Products available with:

Steel wire	<input checked="" type="checkbox"/>
Stainless steel	<input checked="" type="checkbox"/>
Abrasive bristle	<input type="checkbox"/>
Natural bristle	<input type="checkbox"/>
Steel	<input type="checkbox"/>
Cast steel	<input type="checkbox"/>
Stainless steel	<input type="checkbox"/>
Non-ferrous metal	<input type="checkbox"/>
Aluminium	<input type="checkbox"/>
Soft wood	<input type="checkbox"/>
Hard wood	<input type="checkbox"/>

mm						0,35 Straight	RRP	0,35 Straight	RRP	0,30 Straight	RRP
A	T	L	Rows	pcs.	Order-No.	€	Order-No.	€	Order-No.	€	
170	35	210	5	12	0001-179 397	9,50					
170	35	210	5	10			0001-179 097	2,85	0001-179 297	2,85	
52/46		190	5	10			0013-179 097	4,85			

mm						Cordwire	RRP	Flat wire	RRP		
A	T	L	Rows	pcs.	Order-No.	€	Order-No.	€	Order-No.	€	
200			5	10	0003-179 297	4,95					
150	35	190		10			0023-179 197	5,70			
52/46		190		10					2103-179 297	9,50	

mm						0,40 PR Novofil	RRP				
A	T	L	Rows	pcs.	Order-No.	€	Order-No.	€	Order-No.	€	
180	25	180		30	0003-179 897	3,25					

Brushes

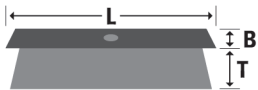
Hand brushes

Brooms

wooden body



Type with flat wire.



mm					0,75	RRP	1,10 x 0,25	RRP		
T	L	B	Rows	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
75	300	60	5	10	0001-102 005	8,70				
75	300	60	6	10	0001-102 006	9,55	0001-102 016	12,00		

Brooms

wooden body



Ausführung mit Stahldraht



mm					0,50	RRP				
T	L	B	Rows	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
75	300	60	5	10	0001-102 095	9,05				

Brushes

Hand brushes

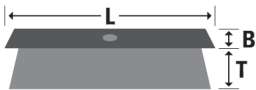
Brooms

wooden body

mm					1,10 x 0,25	RRP	1,10 x 0,45	RRP	1,80 x 0,45	RRP
T	L	B	Rows	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
75	300	60	6	10	0001-100 016	14,05				
75	300	70	6	10			0001-101 036	18,80		
75	350	70	6	10	0001-101 016	18,40				



Robust type with flat wire.



Brooms

wooden body

mm					Korfil-D	RRP				
T	L	B	Rows	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
75	400	60	6	1	0001-104 924 *	24,35				
75	400	60	6	30	0001-104 925	22,35				
75	700	70	7	1	9711-104 925	50,40				

* wooden body coated



Type with Korfil-D to clean very dirty workshop floors.



Brushes

Hand brushes

Handle holders

metal



For workshop brooms. Order no. 9711-104 925.

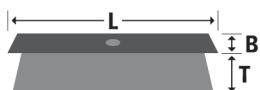
mm						RRP					
A	T	L	B	Rows	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
					1	0003-000 001	12,55				

Brooms

wooden body



With handle holder, diameter 28mm.



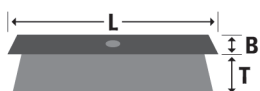
mm						Cocos	RRP	PVC Red	RRP		
T	L	Rows	B	pcs.	Order-No.	€	Order-No.	€	Order-No.	€	
80	600	6	55	6	0003-102 990	12,05	0003-102 960	15,20			
80	800	6	55	6	0003-102 980	17,80					
80	1000	6	55	6			0003-102 970	27,20			

Brooms

wooden body



With handle holder, diameter 28mm.



mm						PVC White	RRP	PVC Red	RRP	Piassava	RRP
T	L	Rows	B	pcs.	Order-No.	€	Order-No.	€	Order-No.	€	
75	320		66	5	0004-101 925	9,20	0004-102 925	7,85	0004-102 975	7,85	
75	400		55	5	0003-102 940	11,75	0003-101 940	9,15			

Brushes

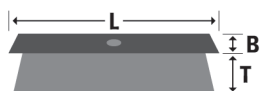
Hand brushes

Brooms

wooden body



Wood body with screw holder. Matching handle: Order no. 0003999024



mm						Cocos	RRP	Cocos Pure	RRP	Cocos Striped	RRP
T	L	Rows	B	pcs.		Order-No.	€	Order-No.	€	Order-No.	€
80	290	20	55	20				0003-102 950	2,95	0003-102 951	4,20
80	380	16	55	16		0003-102 955	5,40				

Brooms

wooden body



Wood body with screw holder. Matching handle: Order no. 0003999024



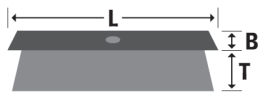
mm						Piassava	RRP	Piassava	RRP		
T	L	Rows	B	pcs.		Order-No.	€	Order-No.	€	Order-No.	€
260	140	3	45	10		0003-102 920	4,90				
260	140	4	45	10		0003-102 921	6,80				

Brushes

Hand brushes

Brooms

plastic body



mm					PVC	RRP				
T	L	Rows	B	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
95	320		120	5	0003-102 944	13,40				

Scrub brushes

wooden body



mm					Straight	RRP	Brass Crimped	RRP	Quitch	RRP
T	L	B	Rows	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
30	210	60	6	10	0001-122 096	6,80	0001-122 596	12,30		
40	210	60	7	10	0001-120 097	7,35				
30	220	70	6	10					0003-122 996	7,80

mm					Nylon White	RRP				
T	L	B	Rows	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
30	220	70	6	10	0003-122 896	6,45				

Brushes

Hand brushes

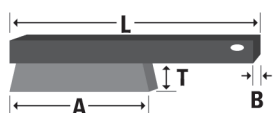
Dusters

wooden handle



Type with natural coconut bristle.

mm						Steel wire Straight	RRP	Korfil-D	RRP	Cocos	RRP
A	T	L	B	Rows	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
150	60	310			10	0001-110 114	6,20	0181-110 924	7,95	0003-102 924	3,15



Dust pan

metal



						Metal Coated	RRP	Steel	RRP		
					pcs.	Order-No.	€	Order-No.	€	Order-No.	€
					1	0003-104 050	12,05	0003-104 030	6,30		

Squeegee



mm						Rubber Black	RRP	Rubber Red	RRP		
L					pcs.	Order-No.	€	Order-No.	€	Order-No.	€
350					12	0003-106 735	3,30				
440					12			0003-106 945	9,40		
450					12	0003-106 745	3,90				
550					12			0003-106 955	10,80		
600					12	0003-106 760	5,70				
750					12			0003-106 975	14,30		

Brushes

Hand brushes

Broomhandle
wood



mm					Wood	RRP	Wood Pine	RRP	Metal Coated	RRP
L				pcs.	Order-No.	€	Order-No.	€	Order-No.	€
1400				5	0003-999 027	4,60				
1300				5			0003-999 026	3,90	0003-000 024	3,90


Broomhandle
metal



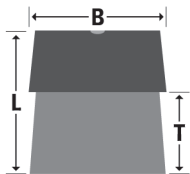
mm					Metal Coated	RRP				
L				pcs.	Order-No.	€	Order-No.	€	Order-No.	€
1200				25	0003-999 024	4,10				

Brooms
metal body



mm						1,80 x 0,45	RRP			
T	L	B	Rows	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
150	300	150	3	10	0003-314 033	32,40				

Flat wire for point cleaning.



Brushes

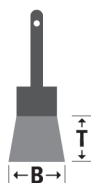
Hand brushes

Paint brushes

plastic handle



T	mm			pcs.	Light Borste	RRP	Order-No.	€	Order-No.	€	Order-No.	€
	B	Strength			Order-No.	€						
40	20	9		12	0003-086 102	1,05						
40	30	9		12	0003-086 103	1,25						
40	40	9		12	0003-086 104	1,40						
43	50	9		12	0003-086 105	1,75						
43	60	10		12	0003-086 106	1,95						
45	70	10		12	0003-086 107	2,50						
45	100	15		12	0003-086 110	5,10						



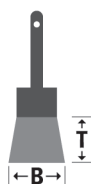
Paint brushes

plastic handle



T	mm			Zoll	pcs.	Light Bristle	RRP	Order-No.	€	Order-No.	€	Order-No.	€
	B	Strength				Order-No.	€						
42	25		1"	12	1003-086 425	2,10							
42	38		1 1/2"	12	1003-086 438	2,25							
42	50,8		2"	12	1003-086 450	2,40							
48	63		2 1/2"	12	1003-086 463	2,65							
45	75		3"	12	1003-086 475	4,60							

Heating element brush.

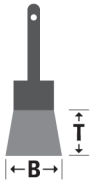


Brushes

Hand brushes

Paint brushes

plastic handle

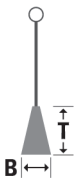



Paint brushes

wire handle



Drilling water brushes with horsehair trim.



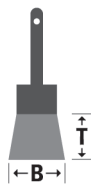
mm					Light Bristle	RRP				
T	B			pcs.	Order-No.	€	Order-No.	€	Order-No.	€
40	8			12	1003-086 202	0,65				
40	10			12	1003-086 204	0,95				
40	13			12	1003-086 206	1,05				
40	16			12	1003-086 208	1,15				
45	20			12	1003-086 210	1,40				
45	23			12	1003-086 212	1,65				
50	26			12	1003-086 214	1,80				
50	30			12	1003-086 216	2,10				
50	33			12	1003-086 218	2,20				
53	36			12	1003-086 220	2,90				

mm					Horsehair	RRP				
T	B			pcs.	Order-No.	€	Order-No.	€	Order-No.	€
40	7			50	0003-327 961	0,90				

Brushes

Hand brushes

Paint brushes
wooden handle



mm					Steel	RRP	Steel brass-coated	RRP		
T	B	Strength		pcs.	Order-No.	€	Order-No.	€	Order-No.	€
				30	0004-114 033	4,00	0004-114 034	4,00		

PRODUCT INTRODUCTION

POLISHING/SATINISING

Fine Surface finishing for every application.

Professional surface finishing encompasses a complex and broad spectrum of different mechanical finishing processes in which polishing and satinising play a key role.

As a specialist in surface fine machining, Osborn offers a large selection of high-performance tools for all applications associated with polishing and satinising. We have organised our polishing and satinising products in such a way to suit the type of machine used.

The three key techniques for achieving the perfect surface finish:

There are 3 techniques for producing the desired surface finish.

1. Polishing (power tools)

Polishing is intended to **create perfect high-gloss surfaces** and can be performed using a variety of power tools.

Generally, 3 steps are needed:

- **Cutting**
- **Polishing**
- **Colouring**

→ Detailed information on polishing can be found on the following pages.



We recommend a combination of different quality polishing cloths and polishing compounds. Compound is a must for polishing.

→ Suitable compounds are listed on the first page of the section.

2. Satinising (power tools)

Unlike polishing, satinising creates no high-gloss surface. It **gives a matt look**, whose surface structure varies depending on the substrate used.

A satinised finish can be created using wet and dry techniques.

→ Detailed information on satinising can be found on the following pages.



Satinising is usually a 1-stage process.

No polishing compound is needed for satinising because the abrasive particles are already embedded in the base material of the satiniser.

3. Polishes & compounds

Our compounds supplement our range of surface-polishing tools. The **compounds can be used for manual or machine polishing** and cover the entire range of surface finishing, from grinding and brushing to cutting and colouring.

→ Detailed information on polishing compounds can be found on the following pages.



Steel, stainless steel, non-ferrous metals, wood, glass, paint and many other surfaces can be finished when combined with the appropriate polishing tool.

POLISHING/SATINISING

Angle polishers/satinisers

POLISHING/SATINISING
USING ANGLE POLISHERS & SATINISERS



POLISHING/SATINISING

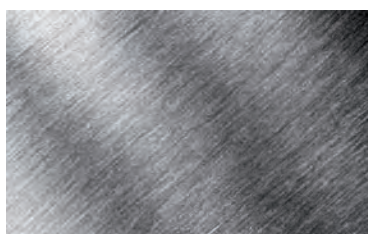
Introduction & technical information

PERFECT SATINISING

Satinising is a one-stage system for creating flat surfaces. The main considerations when selecting the polishing buff are the surface characteristics and the appearance after finishing.

There are three possible finish grades when satinising a surface.

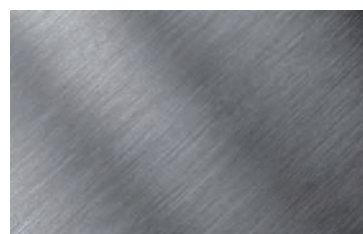
Coarse brush stroke



Medium brush stroke



Fine brush stroke



Important note

Non-woven abrasive tools are used without polishing compound because the abrasive particles are already embedded in the base material of the satiniser.

These tools made of matted material containing abrasive particles are characterised by an open and flexible structure. They are self-sharpening and can be used in wet and dry applications.

Because they can also be used with hand-held tools, they are ideal for a wide range of applications, from satinising to deoxidising to superfine grinding.

Our non-woven abrasive tools are available in different grades and sizes, depending on their purpose.

→ Details can be found in the product toolbars.



Finding the right tool

Please check your product choice using the information in the info heading. This will tell you the machine for each product and its suitability, as well as providing a summary of the available carrier material grades (grits) suitable for the material being finished.

	coarse	medium	fine	superfine
Satinising	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Deoxidising	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Light grinding	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Light deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Blending	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fine grinding	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

Product available with:	Steel	Stainless steel	Aluminium	Brass	Copper
coarse	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
medium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
fine	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
superfine	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PERFECT POLISHING

Maximum 3 steps for perfect high-gloss surfaces:

1. Cutting follows surface grinding and removes material. For this reason, cutting is not suitable for soft metals. Working with a sisal cloth ring smooths out unevenness, removes striae and scratches, and prepares rough and uncoated surfaces for polishing.

2. High-quality polishing removes traces of cutting and further smoothes the surface. The best results can be achieved using our specially developed NOTIFLEX® polishing cloth (outstanding results without unattractive bias stitching where reduced amounts of compound are used). Numerous high quality non-fraying cloth polishing buffs with extended service life are available.











3. Colouring calls for minimal pressure and short finishing times. Again various polishing buffs are available.

Which combination for which result?

The following summary will help you find the best combination of polishing compound and polishing tools needed for each step in finishing each material.

➔ The short version can be found in the info area for each product.

Key to the materials below.

- | | |
|---|--|
| 1 =  Sisal cloth | 6 =  Compound, blue |
| 2 =  Notiflex (NTF) 914 | 7 =  Felt, 2-stage |
| 3 =  Notiflex (NTF) 925 | 8 =  Cloth 101 |
| 4 =  Compound, white | 9 =  Cloth 290 |
| 5 =  Compound, brown | 10 =  Felt, 3-stage |


Polishing as a 3-step process

System using top-quality, patented Notiflex mat without bias stitching. Suitable for all machines, diameters and bores.

3 STEPS



1. Cutting

For removing defects and scratches, belt sanding > 280 grit or sisal lines.

	Steel	Stainless steel	Brass	Copper	Aluminium
	1 or 10	1 or 10	1 or 10	starting with step polishing	
	4	4	5		



2. Polishing

Removing traces of cutting and blending the surface. Important for achieving a flat, high-gloss surface in the next step.

	Steel	Stainless steel	Brass	Copper	Aluminium
	2 or 10	2 or 10	2 or 10	2 or 10	2 or 10
	4	4	5	5	5

3. Colouring

For high-gloss surfaces.

	Steel	Stainless steel	Brass	Copper	Aluminium
	3 or 10	3 or 10	3 or 10	3 or 10	3 or 10
	6	6	6	6	6



Polishing as a 2-step process

Suitable for applications where no cutting is needed. **Please note:** There is a special summary of polishing buffs and compounds for the 2-step method using a satiniser.

2 STEPS

1. Polishing

Level the surface. Important for achieving a flat, high-gloss surface in the next step.

	Steel	Stainless steel	Aluminium	Brass	Copper
	7	7	7	7	7
	4	4	5	5	5

2. Colouring

For high-gloss surfaces.



	Steel	Stainless steel	Aluminium	Brass	Copper
	8	8	8	8	8
	6	6	6	6	6

Polishing as a 1-step process

1 STEP

1. Polishing and Finishing

For low-gloss effects (not high gloss)

	Steel	Stainless steel	Aluminium	Brass	Copper
	9	9	9	9	9
	4	4	5	5	5

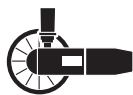
POLISHING/SATINISING

Angle polishers/satinisers



Important user information

Polishing/satinising with angle polisher and satiniser



To be noted when selecting a tool and using angle-polishers:

1. General user information

Using our tapered shank, the polishing and satinising buffs can be fitted to all common angle-polishers with an **M14 mating thread**. Depending on the desired working width, more rings can be added up to a **width of 50 mm**.

The recommended operating speed is $\leq 3,000$ rpm for 150 mm diameter tools.



To be noted when selecting a tool and using satinisers:

1. General user information

The ideal accessories for satinisers in our polishing and satinising range include polishing buffs and non-woven cloths with **bores of 19/6** and keyways, suitable for all common arbors for satinisers.

By adding more rings, **working widths up to 100 mm**, can be achieved, making it very easy to polish or satinise large areas to a high gloss.

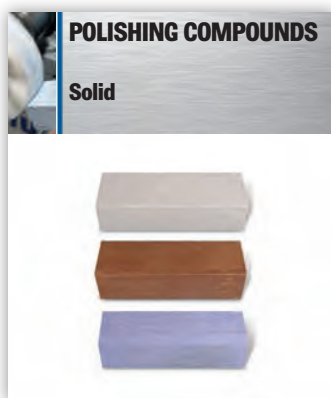
The recommended operating speed is $\leq 4,000$ rpm for 100 mm diameter tools.

Polishing compounds and the role they play in the finishing process

Polishing compounds are essential for all polishing jobs because they contain the abrasive particles needed to achieve a particular surface finish. It is also important to select the correct polishing compound for the desired surface finish.

Please check your product choice using the information in the info heading. It provides an overview of the compounds available and their suitability for particular finishing steps.

→ More on finding the right compound for your application can be found in the technical information on the first page of "Polishing/Satinising".



USE

	Steel	Stainless steel	Aluminium	Brass	Copper
white (cutting)	■	■	■	■	■
white (polishing)	■	■	■	■	■
brown (cutting)	■	■	■	■	■
brown (polishing)	■	■	■	■	■
blue (buffing)	■	■	■	■	■

		4 white	RRP	5 brown	RRP	6 blue	RRP
g	pcs.	Order no.	€	Order no.	€	Order no.	€
110	15	2103005333	2.10	2103007012	2.50	2103000461	2.25
700	8	8103005333	8.75	8103007012	11.40	8103000462	8.90



Important note:

No polishing compound is needed for satinising because the abrasive particles are already embedded in the base material of the satiniser.

POLISHING/SATINISING

Angle polishers/satinisers



POLISHING BUFF

Cloth/fleece



USE

- Felt, 2-stage, 7
 - Felt, 3-stage, 10
 - Cloth, 290, 9
 - Cloth, 101, 8
 - Sisal cloth, 1
 - NTF914, 2
 - NTF925, 3
1. Cutting
2. Polishing
3. Colouring

TRIM AND MATERIAL

Product available with:

	Steel	Stainless steel	Brass	Copper	Aluminium
Cutting	1 4	1 4	1 6	starting with step polishing	
Polishing	2 4	2 4	2 6	2 6	2 6
Colouring	3 6	3 6	3 6	3 6	3 6

mm	mm	mm	rpm	pcs.	1 Sisal cloth Order no.	RRP €	2 NTF914 Order no.	RRP €	3 NTF925 Order no.	RRP €
150	17	14	3000	10	8203150944	15.15				
150	15	14	3000	5*			8203150914	19.45		
150	10	14	3000	5*					8203150925	15.40

Material is fixed in a toothed metal ring. The polishing buff is clamped using conical spring washers.

* Here, 5 pcs. correspond to 10 buffs, because our Notiflex buffs are supplied in 2-buff sets.



SATINISING BUFF

Non woven abrasive



USE

- Satinising
 - Deoxidising
 - Light grinding
 - Light deburring
 - Blending
 - Fine grinding
- coarse
 - medium
 - fine
 - superfine

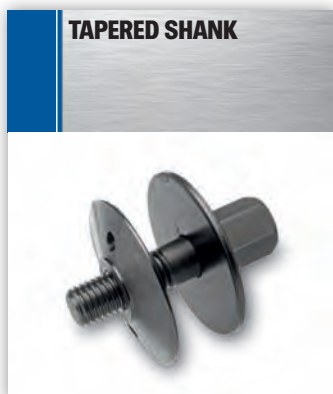
TRIM AND MATERIAL

Product available with:

	Steel	Stainless steel	Aluminium	Brass	Copper
coarse	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
medium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
fine	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

mm	mm	mm	rpm	pcs.	coarse Order no.	RRP €	medium Order no.	RRP €	fine Order no.	RRP €
150	25	14	3000	10	8203150934	11.00				
150	30	14	3000	10			8203150936	13.30	8203150947	14.45

Material is fixed in a toothed metal ring. The satiniser buff is clamped using conical spring washers.



TAPERED SHANK



mm	mm	mm	pcs.	Order no.	RRP €
15-30	M14	8	1203300003	17.60	
15-50	M14	8	1213300003	19.05	

Conical shaft for angle polisher for tensioning polishing and satinising buffs with bores from 14 mm to 150 mm dia.

POLISHING/SATINISING

Angle polishers/satinisers



POLISHING BUFF

Cloth/fleece

Material is fixed in a toothed metal ring. The polishing buff is clamped using conical spring washers.

USE

1. Cutting

2. Polishing

3. Colouring

Felt, 2-stage, 7

Felt, 3-stage, 10

Cloth 290, 9

Cloth 101, 8

Sisal cloth, 1

NTF914, 2

NTF925, 3

TRIM AND MATERIAL

Product available with:

	Steel	Stainless steel	Brass	Copper	Aluminium
Cutting	1 4	1 4	1 5	starting with step polishing	
Polishing	2 4	2 4	2 5	2 5	2 5
Colouring	3 6	3 6	3 6	3 6	3 6

mm	mm	mm	rpm	pcs.	1 Sisal cloth Order no.	RRP €	2 NTF914 Order no.	RRP €	3 NTF925 Order no.	RRP €
100	17	19/6	4000	10	2103100944	9.20				
100	15	19/6	4000	5*			2103100914	8.80		
100	10	19/6	4000	5*					2103100925	9.00

* Here, 5 pcs. correspond to 10 buffs, because our Notiflex buffs are supplied in 2-buff sets.



POLISHING BUFF

Cloth/fleece

Material is fixed in a toothed metal ring. The polishing buff is clamped using conical spring washers.

USE

1. Cutting

2. Polishing

3. Colouring

Felt, 2-stage, 7

Felt, 3-stage, 10

Cloth 290, 9

Cloth 101, 8

Sisal cloth, 1

NTF914, 2

NTF925, 3

TRIM AND MATERIAL

Product available with:

	Steel	Stainless steel	Aluminium	Brass	Copper
Polishing	9 4	9 4	9 5	9 5	9 5
Colouring	8 6	8 6	8 6	8 6	8 6

mm	mm	mm	rpm	pcs.	9 Cloth 290 Order no.	RRP €	8 Cloth 101 Order no.	RRP €
100	17	19/6	4000	10	1903100290	3.25	1903100101	3.25



SATINISING ROLLERS

Non woven abrasive



USE

Satinising

Deoxidising

Light grinding

Light deburring

Blending

Fine grinding

coarse

medium

fine

superfine

TRIM AND MATERIAL

Product available with:

	Steel	Stainless steel	Aluminium	Brass	Copper
coarse	→	→	→	→	→
medium	→	→	→	→	→
fine	→	→	→	→	→
superfine	→	→	→	→	→

mm	mm	mm	rpm	pcs.	coarse Order no.	RRP €	medium Order no.	RRP €	fine Order no.	RRP €	superfine Order no.	RRP €
100	100	19/6	4400	4	1903100932	20.35	1903100934	20.35	1903100936	20.35	1903100937	20.35

POLISHING/SATINISING

Angle grinders/power drills

POLISHING/SATINISING
USING ANGLE POLISHERS AND POWER DRILLS



POLISHING/SATINISING

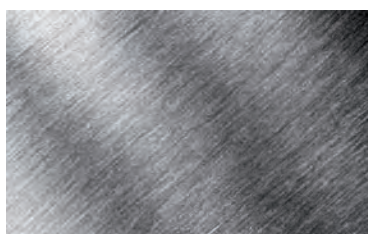
Introduction & technical information

PERFECT SATINISING

Satinising is a one-stage system for creating flat surfaces. The main considerations when selecting the polishing buff are the surface characteristics and the appearance after finishing.

There are three possible finish grades when satinising a surface.

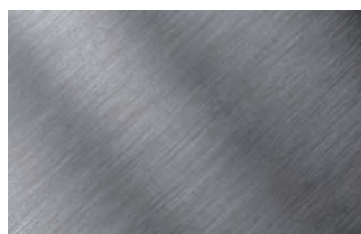
Coarse brush stroke



Medium brush stroke



Fine brush stroke



Important note

Non-woven abrasive tools are used without polishing compound because the abrasive particles are already embedded in the base material of the satiniser.

These tools made of matted material containing abrasive particles are characterised by an open and flexible structure. They are self-sharpening and can be used in wet and dry applications.

Because they can also be used with hand-held tools, they are ideal for a wide range of applications, from satinising to deoxidising to superfine grinding.


Our non-woven abrasive tools are available in different grades and sizes, depending on their purpose.

→ Details can be found in the product toolbars.



Finding the right tool

Please check your product choice using the information in the info heading. This will tell you the machine for each product and its suitability, as well as providing a summary of the available carrier material grades (grits) suitable for the material being finished.

	USE																																																												
	<table border="0"> <tr> <td></td> <td>coarse</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>medium</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>fine</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>superfine</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>Satinising</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>Deoxidising</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>Light grinding</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>Light deburring</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>Blending</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>Fine grinding</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table>		coarse	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		medium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		fine	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		superfine	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Satinising	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Deoxidising	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Light grinding	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Light deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Blending	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Fine grinding	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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	TRIM AND MATERIAL																																			
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	Product available with:	Steel	Stainless steel	Aluminium	Brass	Copper																														
	coarse	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																														
	medium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																														
	fine	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																														
	superfine	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																														

PERFECT POLISHING

Maximum 3 steps for perfect high-gloss surfaces:

1. Cutting follows surface grinding and removes material. For this reason, cutting is not suitable for soft metals. Working with a sisal cloth ring smooths out unevenness, removes striae and scratches, and prepares rough and uncoated surfaces for polishing.

2. High-quality polishing removes traces of cutting and further smooths the surface. The best results can be achieved using our specially developed NOTIFLEX® polishing cloth (outstanding results without unattractive bias stitching where reduced amounts of compound are used). Numerous high quality non-fraying cloth polishing buffs with extended service life are available.

3. Colouring calls for minimal pressure and short finishing times. Again various polishing buffs are available.

Which combination for which result?

The following summary will help you find the best combination of polishing compound and polishing tools needed for each step in finishing each material.

➔ The short version can be found in the info area for each product.

Key to the materials below.

- | | |
|-------------------------|---------------------|
| 1 = Sisal cloth | 6 = Compound, blue |
| 2 = Notiflex (NTF) 914 | 7 = Felt, 2-stage |
| 3 = Notiflex (NTF) 925 | 8 = Cloth 101 |
| 4 = Compound, white | 9 = Cloth 290 |
| 5 = Compound, brown | 10 = Felt, 3-stage |

Polishing as a 3-step process

System using top-quality, patented Notiflex mat without bias stitching. Suitable for all machines, diameters and bores.

3 STEPS

1. Cutting

For removing defects and scratches, belt sanding > 280 grit or sisal lines.

	Steel	Stainless steel	Brass	Copper	Aluminium
	1 or 10	1 or 10	1 or 10	starting with step polishing	
	4	4	5		

2. Polishing

Removing traces of cutting and blending the surface. Important for achieving a flat, high-gloss surface in the next step.

	Steel	Stainless steel	Brass	Copper	Aluminium
	2 or 10	2 or 10	2 or 10	2 or 10	2 or 10
	4	4	5	5	5

3. Colouring

For high-gloss surfaces.

	Steel	Stainless steel	Brass	Copper	Aluminium
	3 or 10	3 or 10	3 or 10	3 or 10	3 or 10
	6	6	6	6	6

Polishing as a 2-step process

Suitable for applications where no cutting is needed. **Please note:** There is a special summary of polishing buffs and compounds for the 2-step method using a satiniser.

2 STEPS

1. Polishing

Level the surface. Important for achieving a flat, high-gloss surface in the next step.

	Steel	Stainless steel	Aluminium	Brass	Copper
	7	7	7	7	7
	4	4	5	5	5

2. Colouring

For high-gloss surfaces.

	Steel	Stainless steel	Aluminium	Brass	Copper
	8	8	8	8	8
	6	6	6	6	6

1 STEP

Polishing as a 1-step process

1. Polishing and Finishing

For low-gloss effects (not high gloss)

	Steel	Stainless steel	Aluminium	Brass	Copper
	9	9	9	9	9
	4	4	5	5	5

POLISHING/SATINISING

Angle grinders/power drills



Important user information

Polishing/satinising with angle grinder or power drill



To be noted when selecting a tool and using angle-grinders:

1. General user information

To complete our range of polishing tool accessories for common hand-operated machines we also supply **polishing discs for angle grinders**.

The felt discs, combined with our **3 polishing compounds**, can be used **for the 3-stage polishing process**.



To be noted when selecting a tool and using power drills:

1. General user information

In the case of common power drills and flexible shafts, our polishing and satinising buffs can be fitted using our drill tapered shank or the 6 mm shaft integrated into our polishing buffs (**80 mm Ø**).

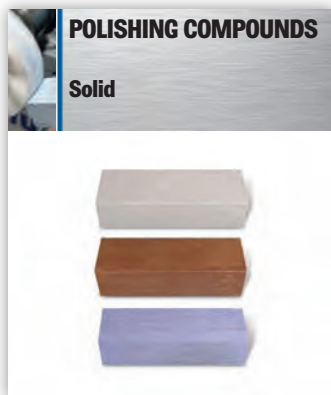
The recommended operating speed of $\leq 4,000$ rpm should not be exceeded.

Polishing compounds and the role they play in the finishing process

Polishing compounds are essential for all polishing jobs because they contain the abrasive particles needed to achieve a particular surface finish. It is also important to select the correct polishing compound for the desired surface finish.

Please check your product choice using the information in the info heading. It provides an overview of the compounds available and their suitability for particular finishing steps.

→ More on finding the right compound for your application can be found in the technical information on the first page of "Polishing/Satinising".



USE		Steel	Stainless steel	Aluminium	Brass	Copper
white (cutting)		■	■	■	■	■
white (polishing)		■	■	■	■	■
brown (cutting)		■	■	■	■	■
brown (polishing)		■	■	■	■	■
blue (colouring)		■	■	■	■	■

		4 white	RRP	5 brown	RRP	6 blue	RRP
g	pcs.	Order no.	€	Order no.	€	Order no.	€
110	15	2103005333	2.10	2103007012	2.50	2103000461	2.25
700	8	8103005333	8.75	8103007012	11.40	8103000462	8.90



Important note:

No polishing compound is needed for satinising because the abrasive particles are already embedded in the base material of the satiniser.

POLISHING/SATINISING

Angle grinders/power drills

FAN-SHAPED POLISHING BUFFS

Felt



USE

	Felt, 2-stage, 7	Felt, 3-stage, 10	Cloth 290, 9	Cloth 101, 8	Sisal cloth, 1	NTF914, 2	NTF925, 3
1. Cutting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Polishing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Colouring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

Product available with:

	Steel	Stainless steel	Brass	Copper	Aluminium
Cutting	<input type="checkbox"/> 10 4	<input type="checkbox"/> 10 4	<input type="checkbox"/> 10 5	starting with step polishing	
Polishing	<input type="checkbox"/> 10 4	<input type="checkbox"/> 10 4	<input type="checkbox"/> 10 5	<input type="checkbox"/> 10 5	<input type="checkbox"/> 10 5
Colouring	<input type="checkbox"/> 10 6	<input type="checkbox"/> 10 6	<input type="checkbox"/> 10 6	<input type="checkbox"/> 10 6	<input type="checkbox"/> 10 6

mm		mm	rpm	pcs.	10 Felt, 3-stage	RRP
Ø	B				Order no.	€
115	22.2	13280	10	1913022115	7,05	
125	22,2	13280	10	1913022125	8,15	

Very good polishing results can be achieved using reduced speeds of around 4,500 rpm.

POLISHING BUFF

Cloth/fleece



USE

	Felt, 2-stage, 7	Felt, 3-stage, 10	Cloth 290, 9	Cloth 101, 8	Sisal cloth, 1	NTF914, 2	NTF925, 3
1. Cutting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Polishing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Colouring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

Product available with:

	Steel	Stainless steel	Brass	Copper	Aluminium
Cutting	<input type="checkbox"/> 1 4	<input type="checkbox"/> 1 4	<input type="checkbox"/> 1 5	starting with step polishing	
Polishing	<input type="checkbox"/> 2 4	<input type="checkbox"/> 2 4	<input type="checkbox"/> 2 5	<input type="checkbox"/> 2 5	<input type="checkbox"/> 2 5
Colouring	<input type="checkbox"/> 3 6	<input type="checkbox"/> 3 6	<input type="checkbox"/> 3 6	<input type="checkbox"/> 3 6	<input type="checkbox"/> 3 6

mm		mm	mm	rpm	pcs.	1 Sisal cloth	RRP	2 NTF914	RRP	3 NTF925	RRP
Ø	A	B				Order no.	€	Order no.	€	Order no.	€
100	17	10	4000	10	8203100944	9.20					
100	15	10	4000	5*			8203100914	8.80			
100	10	10	4000	5*					8203100925	9.00	

Material is fixed in a toothed metal ring. The polishing buff is clamped using conical spring washers.

* Here, 5 pcs. correspond to 10 buffs, because our Notiflex buffs are supplied in 2-buff sets.

POLISHING KIT



USE

	Felt, 2-stage, 7	Felt, 3-stage, 10	Cloth 290, 9	Cloth 101, 8	Sisal cloth, 1	NTF914, 2	NTF925, 3
1. Cutting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Polishing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Colouring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

Product available with:

	Steel	Stainless steel	Brass	Copper	Aluminium
Cutting	<input type="checkbox"/> 1 4	<input type="checkbox"/> 1 4	<input type="checkbox"/> 1 5	starting with step polishing	
Polishing	<input type="checkbox"/> 2 4	<input type="checkbox"/> 2 4	<input type="checkbox"/> 2 5	<input type="checkbox"/> 2 5	<input type="checkbox"/> 2 5
Colouring	<input type="checkbox"/> 3 6	<input type="checkbox"/> 3 6	<input type="checkbox"/> 3 6	<input type="checkbox"/> 3 6	<input type="checkbox"/> 3 6

mm		mm	rpm	pcs.	Polishing kit 3-stage	RRP
Ø	B				Order no.	€
100	10	4000	6	8603600010	43.85	

Contents	pcs.
1 Sisal cloth	2
2 NTF914	2
3 NTF925	2
Compound: white, brown, blue	1
Tapered shank	1

The 10-piece kit contains everything you need for the 3-stage polishing process: Polishing buffs, drive arbor, compound for cutting, polishing and colouring

POLISHING/SATINISING

Angle grinders/power drills



POLISHING BUFF

Cloth/fleece



USE

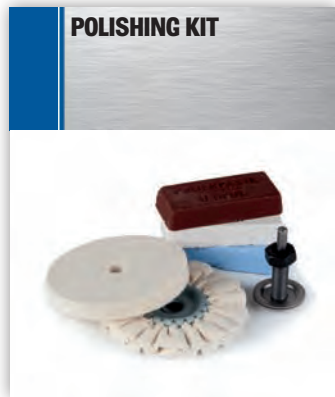
- Felt, 2-stage, 7
 - Felt, 3-stage, 10
 - Cloth 290, 9
 - Cloth 101, 8
 - Sisal cloth, 1
 - NTF914, 2
 - NTF925, 3
1. Cutting
2. Polishing
3. Colouring

TRIM AND MATERIAL

Product available with:

	Steel	Stainless steel	Aluminium	Brass	Copper
Polishing	7 4	7 4	7 4	7 4	7 4
Colouring	8 6	8 6	8 6	8 6	8 6

mm	mm	mm	mm	rpm	pcs.	7 Felt, 2-stage	RRP	8 Cloth 101	RRP
Ø	A	B	S			Order no.	€	Order no.	€
85	15	10		4000	10	1503015085	8.15		
80	10	10		4000	10			2103080101	2.50
80	10	10	6	4000	12			1903080101	3.05
100	10	10		4000	10			2103100101	2.90



POLISHING KIT



USE

- Felt, 2-stage, 7
 - Felt, 3-stage, 10
 - Cloth 290, 9
 - Cloth 101, 8
 - Sisal cloth, 1
 - NTF914, 2
 - NTF925, 3
2. Polishing
3. Colouring

TRIM AND MATERIAL

Product available with:

	Steel	Stainless steel	Aluminium	Brass	Copper
Polishing	7 4	7 4	7 5	7 5	7 5
Colouring	8 6	8 6	8 6	8 6	8 6

mm	mm	rpm	pcs.	Polishing kit 2-stage	RRP
Ø	B			Order no.	€
85/80	10	4000	5	1203600000	13.00

Contents	pcs.
Felts, 2-stage	1
101 buffs	1
Compound: white, brown, blue	1
Tapered shank	1

The 6-piece kit contains everything you need for the 2-stage polishing process: polishing mop, felt, drive arbor, compound for polishing and colouring.



POLISHING BUFF

Cloth/fleece



USE

- Felt, 2-stage, 7
 - Felt, 3-stage, 10
 - Cloth 290, 9
 - Cloth 101, 8
 - Sisal cloth, 1
 - NTF914, 2
 - NTF925, 3
1. Cutting
2. Polishing
3. Colouring

TRIM AND MATERIAL

Product available with:

	Steel	Stainless steel	Aluminium	Brass	Copper
Polishing and Finish	9 6	9 6	9 6	9 6	9 6

mm	mm	mm	mm	rpm	pcs.	9 Cloth 290	RRP
Ø	A	B	S			Order no.	€
80	10	10		4000	10	2103080290	2.50
80	10	10	6	4000	12	1903080290	3.05
100	10	10		4000	10	2103100290	2.90

Material is fixed in a toothed metal ring.

POLISHING/SATINISING


Angle grinders/power drills



SATINISING BUFF

Non woven abrasive

USE



	coarse	medium	fine	superfine
Satinising	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Deoxidising	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Light grinding	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Light deburring	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Blending	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fine grinding	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

TRIM AND MATERIAL

Product available with:

	Steel	Stainless steel	Aluminium	Brass	Copper
coarse	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
medium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
fine	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>


mm	mm	mm	rpm	pcs.	coarse	RRP	medium	RRP	fine	RRP
Ø	A	B			Order no.	€	Order no.	€	Order no.	€
100	23	10	4000	10	8203100934	6.55				
100	30	10	4000	10			8203100936	7.10	8203100947	7.50

Material is fixed in a toothed metal ring. The satiniser buff is clamped using conical spring washers.



TAPERED SHANK

USE




mm	mm	mm	Shaft	RRP
A	S	pcs.	Order no.	€
10-35	6	4	8103800224	7.20

Tapered shank for power drill or flexible shaft for clamping polishing and satinising buffs with bores from 10 mm to 100 dia.



SATINISING KIT

USE



	coarse	medium	fine	superfine
Satinising	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Deoxidising	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Light grinding	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Light deburring	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Blending	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fine grinding	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

TRIM AND MATERIAL

Product available with:

	Steel	Stainless steel	Aluminium	Brass	Copper
coarse	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
medium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
fine	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

mm	mm	rpm	pcs.	Satinising kit	RRP
Ø	B			Order no.	€
100	10	4000	6	8603600004	27.15

Contents	pcs.
Coarse non woven	1
Medium non woven	1
Fine non woven	1
Tapered shank	1

The 4-part kit contains fine grinding buffs (coarse, medium, fine) and a drive arbor.



The right compound for your finishing step

Polishing compounds are essential for all polishing jobs because they contain the abrasive particles needed to achieve a particular surface finish. It is also important to select the correct polishing compound for the desired surface finish.

More on finding the right compound for your application can be found in the technical information on the first page of "Polishing/Satinising".

Important note:

No polishing compound is needed for satinising because the abrasive particles are already embedded in the base material of the satiniser.

POLISHING/SATINISING USING STATIONARY MACHINES



POLISHING/SATINISING

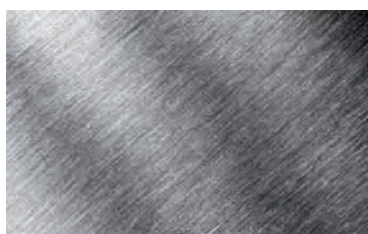
Introduction & technical information

PERFECT SATINISING

Satinising is a one-stage system for creating flat surfaces. The main considerations when selecting the polishing buff are the surface characteristics and the appearance after finishing.

There are three possible finish grades when satinising a surface.

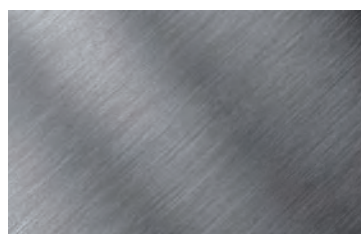
Coarse brush stroke



Medium brush stroke



Fine brush stroke



Important note

Non-woven abrasive tools are used without polishing compound because the abrasive particles are already embedded in the base material of the satiniser.

These tools made of matted material containing abrasive particles are characterised by an open and flexible structure. They are self-sharpening and can be used in wet and dry applications.

Because they can also be used with hand-held tools, they are ideal for a wide range of applications, from satinising to deoxidising to superfine grinding.


Our non-woven abrasive tools are available in different grades and sizes, depending on their purpose.

→ Details can be found in the product toolbars.



Finding the right tool

Please check your product choice using the information in the info heading. This will tell you the machine for each product and its suitability, as well as providing a summary of the available carrier material grades (grits) suitable for the material being finished.

	USE																																																												
	<table border="0"> <tr> <td></td> <td>coarse</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>medium</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>fine</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>superfine</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>Satinising</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>Deoxidising</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>Light grinding</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>Light deburring</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>Blending</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>Fine grinding</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table>		coarse	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		medium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		fine	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		superfine	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Satinising	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Deoxidising	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Light grinding	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Light deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Blending	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Fine grinding	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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	TRIM AND MATERIAL																																				
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	Steel	Stainless steel	Aluminium	Brass	Copper																																
Product available with:																																					
coarse	→	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																
medium	→	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																
fine	→	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																
superfine	→	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																

PERFECT POLISHING

Maximum 3 steps for perfect high-gloss surfaces:

1. Cutting follows surface grinding and removes material. For this reason, cutting is not suitable for soft metals. Working with a sisal cloth ring smooths out unevenness, removes striae and scratches, and prepares rough and uncoated surfaces for polishing.

2. High-quality polishing removes traces of cutting and further smooths the surface. The best results can be achieved using our specially developed NOTIFLEX® polishing cloth (outstanding results without unattractive bias stitching where reduced amounts of compound are used). Numerous high quality non-fraying cloth polishing buffs with extended service life are available.

3. Colouring calls for minimal pressure and short finishing times. Again various polishing buffs are available.

Which combination for which result?

The following summary will help you find the best combination of polishing compound and polishing tools needed for each step in finishing each material.

➔ The short version can be found in the info area for each product.

Key to the materials below.

- | | |
|-------------------------|---------------------|
| 1 = Sisal cloth | 6 = Compound, blue |
| 2 = Notiflex (NTF) 914 | 7 = Felt, 2-stage |
| 3 = Notiflex (NTF) 925 | 8 = Cloth 101 |
| 4 = Compound, white | 9 = Cloth 290 |
| 5 = Compound, brown | 10 = Felt, 3-stage |

Polishing as a 3-step process

System using top-quality, patented Notiflex mat without bias stitching. Suitable for all machines, diameters and bores.

3 STEPS

1. Cutting

For removing defects and scratches, belt sanding > 280 grit or sisal lines.

	Steel	Stainless steel	Brass	Copper	Aluminium
	1 or 10	1 or 10	1 or 10	starting with step polishing	
	4	4	5		

2. Polishing

Removing traces of cutting and blending the surface. Important for achieving a flat, high-gloss surface in the next step.

	Steel	Stainless steel	Brass	Copper	Aluminium
	2 or 10	2 or 10	2 or 10	2 or 10	2 or 10
	4	4	5	5	5

3. Colouring

For high-gloss surfaces.

	Steel	Stainless steel	Brass	Copper	Aluminium
	3 or 10	3 or 10	3 or 10	3 or 10	3 or 10
	6	6	6	6	6

Polishing as a 2-step process

Suitable for applications where no cutting is needed. **Please note:** There is a special summary of polishing buffs and compounds for the 2-step method using a satiniser.

2 STEPS

1. Polishing

Level the surface. Important for achieving a flat, high-gloss surface in the next step.

	Steel	Stainless steel	Aluminium	Brass	Copper
	7	7	7	7	7
	4	4	5	5	5

2. Colouring

For high-gloss surfaces.

	Steel	Stainless steel	Aluminium	Brass	Copper
	8	8	8	8	8
	6	6	6	6	6

Polishing as a 1-step process

1 STEP

1. Polishing and Finishing

For low-gloss effects (not high gloss)

	Steel	Stainless steel	Aluminium	Brass	Copper
	9	9	9	9	9
	4	4	5	5	5

POLISHING/SATINISING

Stationary machines



Important user information

Polishing/satinising using stationary machines



To be noted when selecting a tool and using stationary machines:

1. General user information

The correct cutting speed when using polishing buffs on polishing and other stationary machines must be determined from case by case.

The recommended maximum operating speed of 3,000 rpm should, however, not be exceeded.

2. Detailed information on optimum speeds

We recommend the following starting values:

Use	Cutting speed
Grinding	approx. 30 m/sec.
Satinising	approx. 20 m/sec.
Cutting	approx. 30-35 m/sec.
Polishing	approx. 30 m/sec.

Summary of cutting speeds as a factor of speed and diameter:

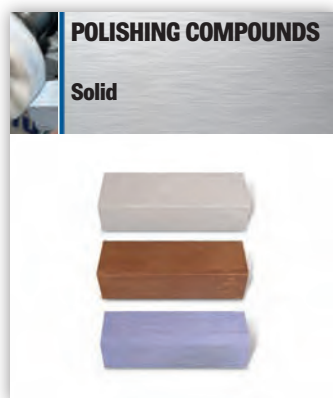
rpm / Ø	150	200
2,600	20 m/sec.	27 m/sec.
2,800	22 m/sec.	29 m/sec.
3,000	23 m/sec.	31 m/sec.

Polishing compounds and the role they play in the finishing process

Polishing compounds are essential for all polishing jobs because they contain the abrasive particles needed to achieve a particular surface finish. It is also important to select the correct polishing compound for the desired surface finish.

Please check your product choice using the information in the info heading. It provides an overview of the compounds available and their suitability for particular finishing steps.

→ More on finding the right compound for your application can be found in the technical information on the first page of "Polishing/Satinising".



USE	Steel	Stainless steel	Aluminium	Brass	Copper
white (cutting)	■	■	■	■	■
white (polishing)	■	■	■	■	■
brown (cutting)	■	■	■	■	■
brown (polishing)	■	■	■	■	■
blue (colouring)	■	■	■	■	■

		4 white	RRP	5 brown	RRP	6 blue	RRP
g	pcs.	Order no.	€	Order no.	€	Order no.	€
110	15	2103005333	2.10	2103007012	2.50	2103000461	2.25
700	8	8103005333	8.75	8103007012	11.40	8103000462	8.90



Important note:

No polishing compound is needed for satinising because the abrasive particles are already embedded in the base material of the satiniser.

POLISHING/SATINISING

Stationary machines

POLISHING BUFF

Cloth/fleece



Material is fixed in a toothed metal ring. The polishing buff is clamped using conical spring washers.



USE

- 1. Cutting
- 2. Polishing
- 3. Colouring

TRIM AND MATERIAL

Product available with:

	Steel	Stainless steel	Brass	Copper	Aluminium
Cutting	<input type="checkbox"/> 1 <input type="checkbox"/> 4	<input type="checkbox"/> 1 <input type="checkbox"/> 4	<input checked="" type="checkbox"/> 1 <input checked="" type="checkbox"/> 6	<input checked="" type="checkbox"/> 2 <input checked="" type="checkbox"/> 6	<input checked="" type="checkbox"/> 2 <input checked="" type="checkbox"/> 6
Polishing	<input checked="" type="checkbox"/> 2 <input checked="" type="checkbox"/> 4	<input checked="" type="checkbox"/> 2 <input checked="" type="checkbox"/> 4	<input checked="" type="checkbox"/> 2 <input checked="" type="checkbox"/> 6	<input checked="" type="checkbox"/> 2 <input checked="" type="checkbox"/> 6	<input checked="" type="checkbox"/> 2 <input checked="" type="checkbox"/> 6
Colouring	<input checked="" type="checkbox"/> 3 <input checked="" type="checkbox"/> 6	<input checked="" type="checkbox"/> 3 <input checked="" type="checkbox"/> 6	<input checked="" type="checkbox"/> 3 <input checked="" type="checkbox"/> 6	<input checked="" type="checkbox"/> 3 <input checked="" type="checkbox"/> 6	<input checked="" type="checkbox"/> 3 <input checked="" type="checkbox"/> 6

mm	mm	mm	rpm	pcs.	1 Sisal cloth Order no.	RRP €	2 NTF914 Order no.	RRP €	3 NTF925 Order no.	RRP €
150	17	14	3000	10	8203150944	15.15				
150	15	14	3000	5*			8203150914	19.45		
150	10	14	3000	5*					8203150925	15.40
200	17	14	3000	10	8211201944	20.95				
200	15	14	3000	5*			8203200914	21.50		
200	10	14	3000	5*					8203200925	23.30

* Here, 5 pcs. correspond to 10 buffs, because our Notiflex buffs are supplied in 2-buff sets.

SATINISING BUFF

Non woven abrasive



Material is fixed in a toothed metal ring. The satiniser buff is clamped using conical spring washers.



USE

- Satinising
- Deoxidising
- Light grinding
- Light deburring
- Blending
- Fine grinding

TRIM AND MATERIAL

Product available with:

	Steel	Stainless steel	Aluminium	Brass	Copper
coarse	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
medium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
fine	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

mm	mm	mm	rpm	pcs.	coarse Order no.	RRP €	medium Order no.	RRP €	fine Order no.	RRP €
150	25	14	3000	10	8203150934	11.00				
150	30	14	3000	10			8203150936	13.30	8203150947	14.45
200	25	14	3000	10	8203200934	15.40				
200	30	14	3000	10			8203200936	19.95	8203200947	21.50



The right polish for your lacquer

Polishes ensure a professional result for lacquer finishes. They are designed for the professional finishing of all lacquer types.

Our polishes come in different varieties, depending on the finishing step.

Details are given on the following pages.



POLISHES AND COMPOUNDS



POLISHING/SATINISING

Polishes & compounds



Important user information

Polishes and compounds - the key to a perfect polishing result



What to look for when selecting the right polish:

1. General user information

Our polishes are designed for the professional finishing of all lacquer types. Different compounds are available for different finishing steps. Details are given in the figures below.

2. Polish types and applications

Strong Cut

High-efficiency abrasive compound for **scratches** and **damage** that can still be repaired. For the **second step**, we recommend **Nano-Polish**.

Cut

Fine abrasive compound for all **wear/weathering marks in older** paints. For a deep gloss, we recommend using **Nano-Polish in the second step**.

Complete

Fine abrasive compound to remove all **wear/weathering marks** in all kinds of paint. For a deep paint, we recommend using **Finish in the second step**.

Finish

Ideal for the **hologram-free** removal of tiny **scratches and films** on conventional and fresh paints. Brings a deep and brilliant gloss to dark lacquer.

Nano-Polish

Especially suitable for the new generation of scratch-resistant lacquer. For removing **tiny scratches, holograms and films** to give a deep and brilliant gloss.

3. Detailed information



Rotational speed

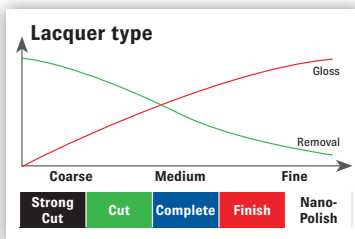
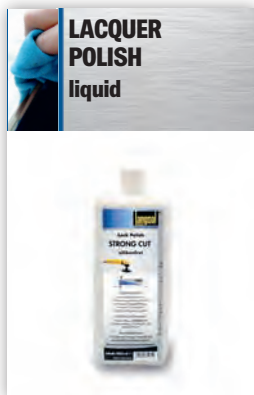
rotation (n = rpm)	1500-2000	1500-2000	1500-2000	1500-2000	1500-2000
eccentric (n = rpm)	2000-10000	2000-10000	2000-10000	2000-10000	2000-10000

Finishing flaws

Orange peel	✓	✓	✓	✓	✓
Holograms	-	-	-	✓	✓
Scratches	✓	✓	✓	✓	✓
Weathering	-	✓	✓	-	-

For OEMs

Paint runs	-	-	-	✓	✓
Dirt inclusions	-	-	-	✓	✓



Use/Lacquer type

Conventional paint	1.500	2.000	2.000-3.000	3.000-4.000	2.500-4.000	rpm
Scratch-resistant paint	-	2.000	2.500	3.500-4.000	3.000-4.000	rpm
Fresh paint	1.500	2.000	2.000-3.000	3.000-4.000	2.500-4.000	rpm
With pad*	orange	orange/blue	orange/blue	black	black	
Properties	hard	medium	medium	soft	soft	
With lambskin*	✓	✓	✓	-	-	

Strong Cut	RRP	Cut	RRP	Complete	RRP	Finish	RRP	Nano-Polish	RRP		
ml	pcs.	Order no.	€	Order no.	€	Order no.	€	Order no.	€		
1000	6	L699940320	21.05	L699740250	21.05	L699940250	21.05	L699740340	21.05	L699940340	40.65

* Pads and lambskin can be obtained from good accessory dealers.



Important: We recommend testing a sample area before you start work.

POLISHING/SATINISING Polishes & compounds

POLISHING EMULSIONS liquid



		Dur Plast		RRP
g	pcs.	Order no.	€	
50	10	2103002101	8.35	
1000	1	L669002101	43.65	

Gloss finish for all non-stamped synthetics, including powder coatings and enameled surfaces

		Metal Polish		RRP
g	pcs.	Order no.	€	
50	10	2103002102	7.25	
1000	1	L669002102	35.40	

Cleans silver, stainless steel, brass, copper, aluminium and hard plastic. Polish with a damp cloth. Wipe with a clean, soft cloth.

ACRYLIC POLISHING KIT liquid



		Polishing kit Acrylic		RRP
pcs.	Order no.	€		
10	1203600001	10.75		

The 4-part kit contains Dur Plast emulsion, sandpaper, sponge and polishing cloth.

What to look for when selecting a suitable compound:

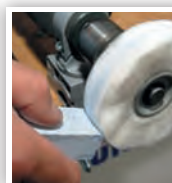
General user information

Polishing compounds are essential for all polishing jobs because they contain the abrasive particles needed to achieve a particular surface finish. It is also important to select the correct polishing compound for the desired surface finish.

Please check your product choice using the information in the info heading. It provides an overview of the compounds available and their suitability for particular finishing steps.

➔ More on finding the right compound for your application can be found in the technical information on the first page of "Polishing/Satinising".

POLISHING COMPOUNDS Solid



USE

	Steel	Stainless steel	Aluminium	Brass	Copper
white (cutting)	■	■	■	■	■
white (polishing)	■	■	■	■	■
brown (cutting)	■	■	■	■	■
brown (polishing)	■	■	■	■	■
blue (colouring)	■	■	■	■	■

		4 white		RRP	5 brown		RRP	6 blue		RRP
g	pcs.	Order no.	€		Order no.	€		Order no.	€	
110	15	2103005333	2.10		2103007012	2.50		2103000461	2.25	
700	8	8103005333	8.75		8103007012	11.40		8103000462	8.90	



Important note:

No polishing compound is needed for satinising because the abrasive particles are already embedded in the base material of the satiniser.

GRINDING

Introduction & Method Definition

Surface finishing with brushes

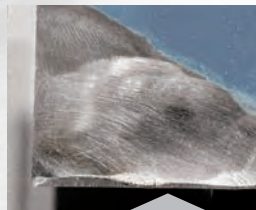


Brush tools are ideal for cleaning and finishing as there is no removal of material from the surface. This avoids striae, grooves or dents resulting from grinding



GRINDING BRUSHING

Surface finishing by grinding



Grinding discs generally remove stock.

Compared with grinding wheels, (blade) grinding discs have a considerably finer grinding pattern.

They are ideal for finishing large surfaces, for sanding, leveling weld seams or as a preparatory stage before final surface finishing with brushes or polishing tools.

The surface is no longer flat.



GRINDING TOOLS FOR ANGLE GRINDERS

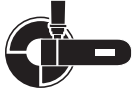


GRINDING

Angle grinders

Important user information

Grinding tools for angle grinders



To be noted when selecting grinding tools and using angle grinders:

1. Typical grinding tools for angle grinders



Abrasive discs

The main tools used for fine grinding with the angle grinder are abrasive mop wheels - also called abrasive discs.

These are tools which remove stock. They are ideal for grinding down plate material and steel edges, and for levelling weld seams.

2. The different designs and their applications

Grinding discs come in 2 designs.

A: Flat model:



Workpiece

This design is used primarily for surface grinding.

B: Bevelled model:




Workpiece

This design is used primarily for edge grinding and hard-to-reach locations.

Both consist of a glass fibre plate and self-sharpening zirconium corundum.

3. The operating speed and its effect on the grinding result

Varying the operating speed allows the amount of material removed and therefore the fineness of the result to be regulated.

 **Important safety message:** The recommended maximum operating speed should not be exceeded.

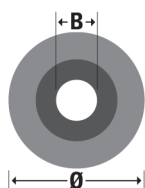
Grinding Angle grinders

Abrasive discs

bevelled model



With zirconium corundum for a high level of stock removal. Especially for processing edges, excellent on stainless steel.



USAGE

	40	50	80	120
rough grinding	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
deburring	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
smoothing weld seams	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
super finishing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

Products available with:

Zirconia alumina →

Steel	Cast steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
-------	------------	-------------------	-----------	-----------	-----------

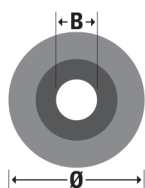
mm		max			40	RRP	60	RRP	80	RRP
Ø	B		min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
115	22,2		13300	10	3703-003 114	3,35	3703-003 116	3,35	3703-003 118	3,35
125	22,2		13300	10	3703-003 124	3,75	3703-003 126	3,75	3703-003 128	3,75
178	22,2		8500	10	3703-003 174	10,35	3703-003 176	10,35	3703-003 178	10,35

Abrasive discs

flat model



With zirconium corundum for a high level of stock removal. Especially for processing flat surfaces, excellent on stainless steel.



USAGE

	40	50	80	120
rough grinding	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
deburring	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
smoothing weld seams	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
super finishing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

Products available with:

Zirconia alumina →

Steel	Cast steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
-------	------------	-------------------	-----------	-----------	-----------

mm		max			40	RRP	60	RRP	80	RRP
Ø	B		min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
115	22,2		13300	10	3723-003 114	3,75	3723-003 116	3,75	3723-003 118	3,75
125	22,2		13300	10	3723-003 124	4,00	3723-003 126	4,00	3723-003 128	4,00
178	22,2		8500	10	3723-003 174	10,95	3723-003 176	10,95	3723-003 178	10,95

GRINDING

Power drills/High-speed machines

GRINDING TOOLS FOR POWER DRILLS & HIGH-SPEED MACHINES



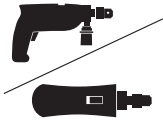
GRINDING

Power drills/High-speed machines



Important user information

Grinding tools for power drills and high-speed machines



To be noted when selecting brushes and using power drills and high-speed machines:

1. General user information

The products shown on the following pages have a 6-mm shaft and can be fitted quickly and easily to all common power drills and high-speed machines (e.g. straight grinders).

2. Typical grinding tools for power drills and high-speed machines



Serrated grinders

With their lamella structures, these are ideal for high-speed tools and can be used for profiled and hard-to-reach workpieces.



Serrated non-woven wheels

These are the perfect addition to serrated grinders because of their soft and flexible structure.

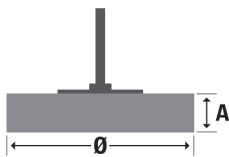
They operate at considerably lower speeds, and thereby achieve an especially fine pattern.

Grinding Power drills/ High-speed machines

Flap wheels



With aluminium oxide.



USAGE

deburring	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
rough grinding	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
fine grinding	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
surface planing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

TRIM AND MATERIAL

Products available with:

Aluminium oxide paper	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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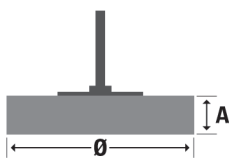
		mm				60	RRP	80	RRP	120	RRP
Ø	A	S	min-1	pcs.		Order-No.	€	Order-No.	€	Order-No.	€
30	5	6	23000	10		0063-003 005	3,20	0083-003 005	3,20	0123-003 005	3,20
30	10	6	23000	10		0063-003 010	3,60	0083-003 010	3,60	0123-003 010	3,60
30	20	6	23000	10		0063-003 020	4,45	0083-003 020	4,45	0123-003 020	4,45
40	10	6	17000	10		0063-004 010	4,30	0083-004 010	4,30	0123-004 010	4,30
40	15	6	17000	10		0063-004 015	4,45	0083-004 015	4,45	0123-004 015	4,45
40	30	6	17000	10		0063-004 030	5,10	0083-004 030	5,10	0123-004 030	5,10
50	10	6	14000	10		0063-005 010	4,40	0083-005 010	4,40	0123-005 010	4,40
50	20	6	14000	10		0063-005 020	5,45	0083-005 020	5,45	0123-005 020	5,45
50	30	6	14000	10		0063-005 030	5,90	0083-005 030	5,90	0123-005 030	5,90
60	20	6	11000	10		0063-006 020	6,05	0083-006 020	6,05	0123-006 020	6,05
60	30	6	11000	10		0063-006 030	6,50	0083-006 030	6,50	0123-006 030	6,50
60	40	6	11000	10		0063-006 040	7,90	0083-006 040	7,90	0123-006 040	7,90

		mm				240	RRP				
Ø	A	S	min-1	pcs.		Order-No.	€	Order-No.	€	Order-No.	€
30	5	6	23000	10		0243-003 005	3,20				
30	10	6	23000	100		0243-003 010	3,60				
30	20	6	23000	10		0243-003 020	4,45				
40	10	6	17000	10		0243-004 010	4,30				
40	15	6	17000	10		0243-004 015	4,45				
40	30	6	17000	10		0243-004 030	5,10				
50	10	6	14000	10		0243-005 010	4,40				
50	20	6	14000	10		0243-005 020	5,45				
50	30	6	14000	10		0243-005 030	5,90				
60	20	6	11000	10		0243-006 020	6,05				
60	30	6	11000	10		0243-006 030	6,50				
60	40	6	11000	10		0243-006 040	7,90				

Flap wheels of abrasive fleece



With aluminium oxide.



USAGE

rough grinding	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
fine grinding	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
satin finishing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
surface planing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
deburring	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

TRIM AND MATERIAL

Products available with:

Aluminium oxide fleece	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
------------------------	-------------------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------

		mm				80	RRP	150	RRP	240	RRP
Ø	A	S	min-1	pcs.		Order-No.	€	Order-No.	€	Order-No.	€
40	20	6	8000	10		0083-304 020	7,85	0153-304 020	7,85	0243-304 020	7,85
40	30	6	8000	10		0083-304 030	9,25	0153-304 030	9,25	0243-304 030	9,25
50	20	6	7500	10		0083-305 020	9,05	0153-305 020	9,05	0243-305 020	9,05
50	30	6	7500	10		0083-305 030	9,60	0153-305 030	9,60	0243-305 030	9,60
50	40	6	7500	10		0083-305 040	11,45	0153-305 040	11,45	0243-305 040	11,45
60	30	6	7000	10		0083-306 030	11,90	0153-306 030	11,90	0243-306 030	11,90
60	40	6	7000	10		0083-306 040	12,10	0153-306 040	12,10	0243-306 040	12,10
60	50	6	7000	10		0083-306 050	14,90	0153-306 050	14,90	0243-306 050	14,90



GRINDING

Satinisers



Important user information

Grinding tools for satinisers



To be noted when selecting grinding tools and using satinisers:

1. General user information

These products can be fitted simply and easily thanks to their **19/6 bore** (with 4 keyways) which suits all common satinisers.

The maximum operating speed of 4,400 rpm should not be exceeded.

2. Typical products for satinisers

Abrasive cloth rollers

Abrasive cloth rollers offer the advantages of a flexible abrasive cloth.

Thanks to their open and flexible structure, they conform perfectly to the workpiece being ground.

They are suitable for coarse, medium, fine and superfine grinding.



3. Advantage of the cylinder shape

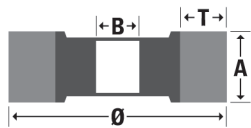
The cylinder shape allows you to achieve the ideal working width of 100 mm without problems. There is no need to fit multiple rings.

Grinding Satinisers

Fleece roller brushes with fleece



Mit Aluminiumoxyd.



USAGE

	80	100	150	180	240	280
rough grinding	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
fine grinding	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
satin finishing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
surface planing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL

Products available with:

Aluminium oxide fleece →

Steel	Cast steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

mm						coarse	RRP	medium	RRP	fine	RRP
Ø	A	B	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€	
100	100	19/6	4400	4	1903-100 932	20,35	1903-100 934	20,35	1903-100 936	20,35	

mm						very fine	RRP				
Ø	A	B	min-1	pcs.	Order-No.	€	Order-No.	€	Order-No.	€	
100	100	19/6	4400	4	1903-100 937	20,35					

PRODUCT INTRODUCTION

INTERNAL FINISHING

Finishing of bores, perforations, honed surfaces, longitudinal grooves, bearing bores and other internal or difficult to reach places

The following chapter contains all the products used for internal finishing.

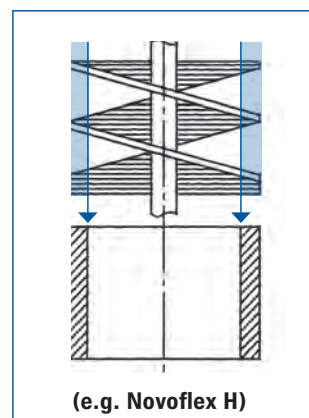
With these special brushes, Osborn offer you a wide range of very high performance tools for all applications in the area of internal finishing. A detailed summary of product groups, their applications and individual areas of use can be found in the table on the following pages in the next chapter.



Important note

Please remember when you place your order that, for best performance, your brush diameter needs to be larger than the diameter of the bore.

You can find more details in the product overview below.



A detailed description of the various trim materials can be found on page 11 of the catalogue.



General safety instructions



Wear protective clothing to protect yourself from injury.



More safety instructions and examples of usage can also be found on the Internet.



For more information*



www.osborn-app.com

* Network charges apply for the use of mobile websites.

INTERNAL FINISHING

Introduction & technical information

INTERNAL FINISHING

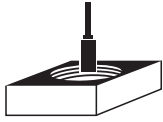


INTERNAL FINISHING

Introduction & technical information

Important user information

Brushes for internal finishing



To be noted when selecting brushes for internal finishing:

1. General user information

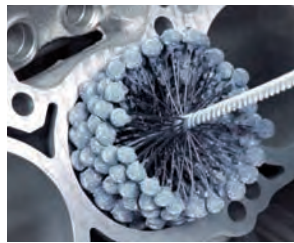
Brushes for internal finishing are suitable for use with hand-held and stationary tools with drill or jaw chucks and tool spindles. Some products are designed exclusively for manual operation.

2. Typical brushes for internal finishing

Some typical brushes used for internal finishing are shown below. The product overview on the following pages provides details of the whole range.



Helituf



Novoflex-B



Novoflex S1



Micro-abrasive tube brush



Finding the right tool


Please check your product choice using the information in the info heading. This will tell you the application for each product and its suitability, as well as providing a summary of the available trim materials suitable for the material being finished.

USE	NHA 600 WMS 1009	Nylon-diamond 400-800	Orb. Carb. wire 0.08-0.20	Flament brush 80-320	Novoflex WF 220-320	crimped steel wire 0.15-0.50	Nylon/Natural fibre
Internal cleaning, general	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Brushing edges/tapered grooves	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rust removal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cleaning threads/holes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plateau finish	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRIM AND MATERIAL


Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire twist knot	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Steel wire crimped	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stainless steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Brass wire	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Abrasive bristle	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nylon-Diamond	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Natural bristle	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PROFESSIONAL INTERNAL FINISHING

	Product and material	Properties	Use
SITUFT 	Internal brushes with crimped original Osborn wire, fastened in a wing-shaped form.	Quick and easy to clamp in a wide variety of machines using different adapters. Designed for hand-held (e.g. pneumatic and electric tools), as well as stationary machines. The brushes can be clamped in collet chucks, jaw chucks and tool spindles.	For cleaning holes and internal surfaces that are difficult to reach, as well as longitudinal grooves.




Clockwise or anti-clockwise operation possible using an adapter. Can only be used in a clockwise direction without an adapter. The larger the diameter, the greater the flexibility of the brush.

HELITUF 	Internal brushes with original crimped Osborn wire, fastened in a spiral construction.	Designed for hand-held machines. The brushes can be mounted in drill sockets and on spindles. Chuck mounting is also possible using a Helituf adapter. The spiral-shaped construction simulates a stroke action.	To clean and deburr holes, to brush and deburr edges and tapered grooves.
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An adapter can be used to increase the total length (incl. brush) to 225 mm.


Micro-abrasive 	Tube brushes with flexible silicon carbide or aluminium oxide trim. Special shaft available upon request.	For use in CNC and NC machines, as well as processing centres.	To clean condensers and boiler pipes, deburr, clean and roughen coated surfaces.
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Brushes should be 5 – 10% larger than the diameter of the hole.


INTERNAL FINISHING

Introduction & technical information

	Product and material	Properties	Use
<p>Nylon-diamond</p>  <p>spiral-shaped</p>	<p>Tube brush, spiral-shape.</p> <p>Galvanised twisted wire, stabilised with shaft of pressed brass sleeve.</p>	<p>Flexible trim, after heavy usage and deformation the filaments will recover. Filaments flex rather than break.</p> <p>Highly flexible and high performance.</p> <p>Easy clamping in collet and jaw chucks.</p>	<p>Edge rounding, deburring of cross holes, further finishing of honed surfaces.</p> <p>Surface roughness reduced significantly.</p> <p>Ideal for finishing hard components (e.g. ceramic), hardened parts, precision components and parts for aerospace applications.</p>

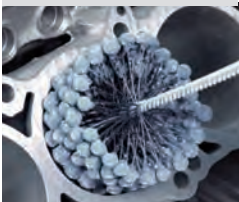


Brushes should be 10 – 15% larger than the diameter of the hole.

<p>Nylon-diamond</p>  <p>wing-shaped</p>	<p>Tube brush, wing-shaped.</p> <p>Galvanised twisted wire, stabilised with shaft of pressed brass sleeve.</p>	<p>Because of their very thin and flexible trim, the life of these brushes is longer than that of conventional brushes with a harder trim.</p>	<p>Deburring and finishing, e.g. of longitudinal grooves.</p>
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Brushes should be 10 – 15% larger than the diameter of the hole.


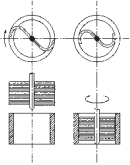
<p>Novoflex-B</p>  <p>rpm 350 – 700</p>	<p>Sturdy, self-centring honing tool. Flexible design with abrasive spheres.</p>	<p>Suitable for hand-held and honing machines.</p> <p>For use in CNC and NC machines, processing centres and automatic equipment, clamping in tool spindles also possible.</p>	<p>Edge breaks, final finishing of top surfaces. For use in non-round bores and for deburring and finishing of bearing holes during engine production.</p> <p>To create an even, fine-ground surface with a high contact ratio (plateau finish) The resulting cross-hatching is an ideal base for oil film adhesion.</p>
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Use oil with a viscosity of 10 to 30 or honing oil. Use on hydraulic brake cylinders instead of brake fluid. Clean the bore using hot water or detergent and Osborn nylon tube brushes. Lightly lubricate bore after cleaning. Honing time: approx. 20 – 40 sec.


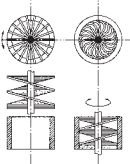
INTERNAL FINISHING

Introduction & technical information

	Product and material	Properties	Use
<p>Novoflex-S</p>  <p>rpm approx. 600</p>	<p>Flat brush with wing-shaped trim material, double wire core. Shaped on the outer contact surfaces to provide a larger working surface.</p> 	<p>Flexible trim, after heavy usage and deformation the filaments will recover. Filaments flex rather than break.</p> <p>These honing brushes are used in a clockwise, oscillating movement.</p> <p>Easy clamping in collet and jaw chucks.</p>	<p>Surface finishing of workpieces that do not require deburring, e.g. internal finishing of pipes, manufacture of piston pumps, engines.</p>


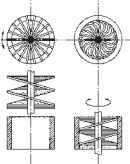


Brushes should be up to 25% larger than the diameter of the hole.

<p>Novoflex H</p>  <p>rpm approx. 600 – 1,400</p>	<p>Spiral-shaped trim material.</p> 	<p>Very long and reliable brush life.</p> <p>High contact surface with component to be finished because of special flat bristle.</p> <p>Large trim thickness.</p>	<p>Deburring, surface finishing of bores and cylindrical workpieces, e.g. engines, pumps, hydraulic and pneumatic cylinders, brake cylinders.</p>
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Brushes should be approx. 10 – 15% larger than the diameter of the hole. Please use product in an oscillating motion.


<p>Novoflex-HF</p>  <p>rpm approx. 600 – 1,400</p>	<p>Spiral-shaped trim material.</p> 	<p>High contact surface with component to be finished because of special flat bristle.</p> <p>Suitable for large differences between brush and hole diameters.</p> <p>Lighter trim.</p>	<p>Deburring, surface finishing of bores and cylindrical workpieces, e.g. engines, pumps, hydraulic and pneumatic cylinders, brake cylinders.</p>
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Brushes should be 10 – 15% larger than the diameter of the hole. Please use product in an oscillating motion.

INTERNAL FINISHING

Introduction & technical information

	Product and material	Properties	Use
Hole cleaning brushes, nozzle cleaning brushes, fitting brushes, terminal post brushes	<p>In crimped wire or nylon.</p> <p>With handle.</p>	<p>For manual use.</p>	<p>Internal cleaning of a wide range of materials, from steel or copper to wood and plastic.</p>
			
Stove pipe cleaner, percussion brush	<p>Different shapes, some with stamped thread or eyelets.</p> <p>Trim material: crimped wire, flat wire or nylon.</p>	<p>For manual use.</p> <p>Can be lengthened with shaft.</p>	<p>Chimney cleaning.</p>
			

INTERNAL FINISHING

SITUFT®
crimped Osborn wire



PREMIUM

Double wire core for compressed air and electric tools. Adapter to fix in various power tools.



USAGE



Internal cleaning
Deburring
Brush edges/tapered grooves
Derust
Thread/drill hole cleaning
Plateau finish

NWA 600/NWS 1000
Nylon Diam. 400-800
Crim. Osb. Wire 0,08-0,20
Abrasive grade ES-300
Newell WF 120-130
Crim. stainless 0,05-0,50
Nylon/Natural

TRIM AND MATERIAL

Products available with:

Steel wire crimped → Steel, Cast steel, Stainless steel, Non-ferrous metal, Aluminium, Soft wood, Hard wood

Stainless steel → Steel, Cast steel, Stainless steel, Non-ferrous metal, Aluminium, Soft wood, Hard wood

mm					pcs.	Osborn 0,08	RRP	Osborn 0,13	RRP	Osborn 0,20	RRP
Ø	A	L	S			Order-No.	€	Order-No.	€	Order-No.	€
6	14	54	2,38	12	9907-035 021 *	5,05	9907-035 023 *	4,20			
8	14	54	2,38	12	9907-035 031 *	5,40	9907-035 032 *	5,25			
10	14	54	2,38	12	9907-035 041	5,50	9907-035 042 *	5,40	9907-035 043	5,25	
11	14	54	2,38	12	9907-035 051	5,60	9907-035 052 *	5,50			
13	14	54	3,18	12	9907-035 061	5,40	9907-035 062 *	4,85	9907-035 063	4,70	
14	16	54	3,18	12	9907-035 081	5,90	9907-035 082	4,95	9907-035 083 *	4,75	
16	16	54	3,18	12	9907-035 086	6,60	9907-035 087 *	4,95	9907-035 088	4,75	
18	16	54	3,18	12			9907-035 092	5,25	9907-035 093	4,95	
19	16	54	3,18	12	9907-035 096	6,85	9907-035 097	5,35	9907-035 098 *	5,00	
21	16	57	3,18	12			9907-035 102	5,35			
22	16	57	3,18	12			9907-035 107	5,70			
25	16	57	3,18	12			9907-035 117	5,80	9907-035 118 *	5,25	
29	16	57	3,18	12			9907-035 127	5,90	9907-035 128	5,35	
30	16	57	3,18	12			9907-035 132	5,90	9907-035 133	5,35	
32	16	57	3,18	12			9907-035 137	5,95	9907-035 138 *	5,40	

Parts included in the SITUFT®Set (Order-No. 9907-035 000).

mm					pcs.	Osborn 0,13	RRP				
Ø	A	L	S			Order-No.	€	Order-No.	€	Order-No.	€
6	14	54	2,38	12	9907-035 181	5,95					
10	14	54	2,38	12	9907-035 189	6,85					
13	14	54	3,18	12	9907-035 197	7,55					
19	16	54	3,18	12	9907-035 213	8,90					
16	16	54	3,18	12	9907-035 205	7,90					
22	16	57	3,18	12	9907-035 221	9,10					
25	16	57	3,18	12	9907-035 229	9,65					
32	16	57	3,18	12	9907-035 245	10,60					

Parts included in the SITUFT®Set (Order-No. 9907-035 000).


SITUFT®-Set
crimped Osborn wire



PREMIUM

SITUFT® Set: 12 brushes D6 to D32 and two adapters. Parts in this set are marked by an asterisk in the above table.

USAGE



Internal cleaning
Deburring
Brush edges/tapered grooves
Derust
Thread/drill hole cleaning
Plateau finish

NWA 600/NWS 1000
Nylon Diam. 400-800
Crim. Osb. Wire 0,08-0,20
Abrasive grade ES-300
Newell WF 120-130
Crim. stainless 0,05-0,50
Nylon/Natural

TRIM AND MATERIAL

Products available with:

Steel wire crimped → Steel, Cast steel, Stainless steel, Non-ferrous metal, Aluminium, Soft wood, Hard wood

Stainless steel → Steel, Cast steel, Stainless steel, Non-ferrous metal, Aluminium, Soft wood, Hard wood

					pcs.	RRP					
						Order-No.	€	Order-No.	€	Order-No.	€
					1	9907-035 000	98,35				

INTERNAL FINISHING

SITUFT® adapter

mm			pcs.	Order-No.	RRP	Order-No.	RRP	Order-No.	RRP
6	85		1	9907-075 131 *	9,35				
10	85		1	9907-075 132 *	9,35				

Parts included in the SITUFT®Set (Order-No. 9907-035 000).



PREMIUM

Adapter to fix in various power tools. 9907-075131 suitable for shank dia. 2,38mm; 9907-075132 suitable for shank dia. 3,18mm.

HELITUF®

crimped Osborn wire



PREMIUM

Double wire core for automatic or manual applications. Adapter available to extend length up to max. 225mm (details below).



USAGE

Internal cleaning

Deburring

Brush edges/tapered grooves

Derust

Thread/drill hole cleaning

Plateau finish

WMA 800/MSB 0000
WMA 800/MSB 0000
WMA 800/MSB 0000
WMA 800/MSB 0000
WMA 800/MSB 0000
WMA 800/MSB 0000
WMA 800/MSB 0000
WMA 800/MSB 0000
WMA 800/MSB 0000
WMA 800/MSB 0000

TRIM AND MATERIAL

Products available with:

Steel wire crimped

Stainless steel

Steel

Cast steel

Stainless steel

Non-ferrous metal

Aluminium

Soft wood

Hard wood

mm				pcs.	Osborn 0,13	RRP	Osborn 0,20	RRP	Order-No.	€
6	25	89	3,18	12	9907-036 012	3,90				
8	25	89	3,18	12	9907-036 017	3,90				
10	25	89	3,18	12	9907-036 022 *	4,15	9907-036 023	3,85		
11	25	89	3,18	12	9907-036 027 *	4,15				
13	25	89	3,18	12	9907-036 032	4,30	9907-036 033 *	4,05		
14	25	89	3,18	12	9907-036 037 *	4,30				
16	25	89	3,18	12	9907-036 042	4,60	9907-036 043 *	4,40		
18	25	89	3,18	12	9907-036 047 *	4,60				
19	25	89	3,18	12	9907-036 052	4,70	9907-036 053 *	4,55		
21	25	89	3,18	12	9907-036 057 *	4,75				
22	25	89	3,18	12	9907-036 062	4,95	9907-036 063 *	4,75		
24	25	89	3,18	12	9907-036 067 *	5,00				
25	25	89	3,18	12	9907-036 072	5,00	9907-036 073 *	4,75		
29	25	89	3,18	12	9907-036 082 *	5,40				
32	25	89	3,18	12			9907-036 093	5,70		

Parts included in the HELITUF®Set (Order-No. 9907-036 000).

mm				pcs.	Osborn 0,13	RRP	Osborn 0,20	RRP	Order-No.	€
6	25	89	3,18	12	9907-036 139	6,75				
10	25	89	3,18	12	9907-036 147	6,80	9907-036 148	6,75		
11	25	89	3,18	12	9907-036 151	6,85				
13	25	89	3,18	12	9907-036 155	7,35	9907-036 156	6,85		
16	25	89	3,18	12	9907-036 163	7,50	9907-036 164	7,30		
19	25	89	3,18	12			9907-036 172	7,70		
19	25	89	3,18	1	9907-036 171	7,90				
22	25	89	3,18	12	9907-036 179	8,45				
24	25	89	3,18	12			9907-036 188	8,75		
25	25	89	3,18	12	9907-036 187	9,25				
32	25	89	3,18	12			9907-036 204	9,45		

Parts included in the HELITUF®Set (Order-No. 9907-036 000).

INTERNAL FINISHING

HELITUF®-Set

crimped Osborn wire



PREMIUM

HELITUF® Set: 12 brushes D10 to D29 and two adapters. Parts in this set are marked by an asterisk in the above table.

USAGE

Internal cleaning	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Brush edges/tapered grooves	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Derust	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Thread/drill hole cleaning	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plateau finish	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

NHA E60/MS 1000
 Nylon Diam. 400-800
 Crp. Osb. Wire 0,08-0,20
 Abrasive grade ES-300
 Novelty WF 120-130
 Crmp. Intensive 0,05-0,50
 Nylon/Natural

TRIM AND MATERIAL

Products available with:

Steel wire crimped	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Stainless steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

		pcs.	Order-No.	€	Order-No.	€	Order-No.	€
		1	9907-036 000	102,00				

HELITUF® adapter

mm

Ø	L	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
5	90	1	9907-075 126 *	18,95				
6	90	1	9907-075 127 *	18,95				

Parts included in the HELITUF®Set (Order-No. 9907-036 000).

PREMIUM

Adapter can be used singly or in combination for a total length of 225 mm.

Tube & internal brushes

crimped wire



USAGE

Internal cleaning	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Brush edges/tapered grooves	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Derust	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Thread/drill hole cleaning	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plateau finish	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

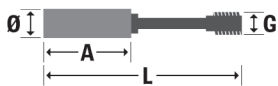
NHA E60/MS 1000
 Nylon Diam. 400-800
 Crp. Osb. Wire 0,08-0,20
 Abrasive grade ES-300
 Novelty WF 120-130
 Crmp. Intensive 0,05-0,50
 Nylon/Natural

TRIM AND MATERIAL

Products available with:

Steel wire crimped	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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		mm	Ø	pcs.	0,15	RRP	0,20	RRP
Ø	A	L	G		Order-No.	€	Order-No.	€
10	100	140	M 6	10	0003-815 210	6,40		
12	100	140	M 6	10	0002-815 212	6,65		
14	100	140	M 6	10	0002-815 214	6,80		
15	100	140	5/16 Zoll	10	0002-812 215	6,50		
18	100	140	5/16 Zoll	5			0002-812 218	6,60
20	100	140	5/16 Zoll	10			0002-812 220	6,70

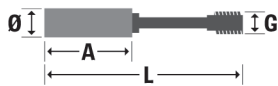


		mm	Ø	pcs.	0,20	RRP
Ø	A	L	G		Order-No.	€
25	100	160	1/2 Zoll	5	0002-808 125	6,80
30	100	160	1/2 Zoll	5	0002-808 130	7,10
32	100	160	1/2 Zoll	5	0002-808 132	7,15
38	100	160	1/2 Zoll	5	0002-808 138	7,30
40	100	160	1/2 Zoll	5	0002-808 140	7,55
44	100	160	1/2 Zoll	5	0002-808 144	7,70
50	100	160	1/2 Zoll	5	0002-808 150	7,90

INTERNAL FINISHING

Tube & internal brushes

straight wire



USAGE

Internal cleaning	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Brush edges/tapered grooves	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Derust	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Thread/drill hole cleaning	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plateau finish	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

NiCr-BSW 1000
 Nylon-Stam 400-800
 Crp. Stk. Wire 0.08-0.20
 Abrasive brush BS-200
 Newell WP 120-130
 Crp. Intensive 0.05-0.50
 Nylon-Stampl.

TRIM AND MATERIAL

Products available with:

Steel wire straight →



mm					0,25	RRP	0,30	RRP	0,35	RRP
Ø	A	L	G	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
25	100	160	1/2 Zoll BSW	5	0003-810 125	9,95				
28	100	160	1/2 Zoll BSW	5	0003-810 128	10,30				
30	100	160	1/2 Zoll BSW	5	0003-810 130	10,35				
38	100	160	1/2 Zoll BSW	5			0003-810 138	10,80		
40	100	160	1/2 Zoll BSW	5			0003-810 140	11,10		
44	100	160	1/2 Zoll BSW	5			0003-810 144	11,15		
50	100	160	1/2 Zoll BSW	5			0003-810 150	11,35		
57	100	160	1/2 Zoll BSW	5			0003-810 157	11,75		
63	100	160	1/2 Zoll BSW	5					0002-808 163	8,20
75	100	160	1/2 Zoll BSW	5					0002-808 175	9,25

mm					0,40	RRP	0,50	RRP
Ø	A	L	G	pcs.	Order-No.	€	Order-No.	€
69	100	160	1/2 Zoll BSW	5	0003-810 169	12,10		
82	100	160	1/2 Zoll BSW	5	0003-810 182	13,30		
100	100	160	1/2 Zoll BSW	5			0002-808 100	10,75
101	100	160	1/2 Zoll BSW	5			0003-810 100	14,50

Wire handles

for radiator brushes



G	L	pcs.	RRP	RRP
Order-No.	€	Order-No.	€	Order-No.
1/2 Zoll BSW	1000	10	0002-819 110	9,05
M 6	1000	10	1132-819 110	9,05
M 6	1000	5	0003-819 111 *	10,45
M 12	1000	5	0003-819 112	12,05
3/8 Zoll R	1000	10	0002-829 110	9,05
5/16 Zoll BSW	1000	10	1103-819 110	9,05

Flexible - with a thread to extend heating element brushes and tube brushes.

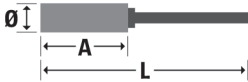
INTERNAL FINISHING

Tube & internal brushes abrasive trim



PREMIUM

Zinc-plated twisted shaft with single trim spiral. For cross-hole deburring, control units, O-ring grooves and cylindrical components.



USAGE

Internal cleaning	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Deburring	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Brush edges/tapered grooves	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Derust	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Thread/drill hole cleaning	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plateau finish	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

NHA 600/ NMS 1000
Nylon Diam. 400-800
Orig. Dia. Wire 0,08-0,20
Abrasive grade ES-300
Novofil WF 120-1200
Comp. Intensive 0,05-0,50
Hydro/Material

TRIM AND MATERIAL

Products available with:

Abrasive bristle →

<input type="checkbox"/>	Steel	<input type="checkbox"/>	Cast steel	<input type="checkbox"/>	Stainless steel	<input type="checkbox"/>	Non-ferrous metal	<input type="checkbox"/>	Aluminium	<input type="checkbox"/>	Soft wood	<input type="checkbox"/>	Hard wood
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mm					NHS 1000	RRP	NHA 600	RRP
Ø	A	L	S	pcs.	Order-No.	€	Order-No.	€
0,7	12	100	0,42	12	0003-056 400	17,90		
1,2	12	100	0,47	12	0003-056 403	17,15		
1,9	18	100	0,74	12	0003-056 406	16,65		
2,2	18	100	0,93	12	0003-056 409	15,55		
2,6	25	100	1,08	12	0003-056 412	14,70		
3,2	25	100	1,66	12	0003-056 415	14,45		
3,5	25	100	1,66	12	0003-056 418	14,45		
4,2	25	125	2,20	12			0003-056 425	14,20
4,8	25	125	2,20	12			0003-056 427	13,70
5,5	25	125	2,20	12			0003-056 428	13,40
6,6	25	125	3,00	12			0003-056 429	13,05
8,2	25	125	3,00	12			0003-056 432	12,50
9,8	25	125	3,40	12			0003-056 435	13,45
11,5	25	125	3,40	12			0003-056 436	13,00
13	25	125	4,20	12			0003-056 438	13,10
16	25	125	4,20	12			0003-056 441	14,05
17,5	25	125	4,20	12			0003-056 442	14,20
19,4	25	125	5,60	12			0003-056 444	14,35
22,6	25	125	5,60	12			0003-056 447	14,70
25,8	25	125	6,20	12			0003-056 450	15,20

Tube & internal brushes abrasive filament



Deburring cross-holes, control parts, O-Ring grooves and cylindrical bores. Recommendation: Brushes should be 10-15% larger than the bore.



USAGE

Internal cleaning	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Deburring	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Brush edges/tapered grooves	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Derust	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Thread/drill hole cleaning	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plateau finish	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

NHA 600/ NMS 1000
Nylon Diam. 400-800
Orig. Dia. Wire 0,08-0,20
Abrasive grade ES-300
Novofil WF 120-1200
Comp. Intensive 0,05-0,50
Hydro/Material

TRIM AND MATERIAL

Products available with:

Abrasive bristle →

<input type="checkbox"/>	Steel	<input type="checkbox"/>	Cast steel	<input type="checkbox"/>	Stainless steel	<input type="checkbox"/>	Non-ferrous metal	<input type="checkbox"/>	Aluminium	<input type="checkbox"/>	Soft wood	<input type="checkbox"/>	Hard wood
--------------------------	-------	--------------------------	------------	--------------------------	-----------------	--------------------------	-------------------	--------------------------	-----------	--------------------------	-----------	--------------------------	-----------

mm					Novofil 80	RRP	Novofil 120	RRP	Novofil 320	RRP
Ø	A	L	pcs.	Order-No.	€	Order-No.	€	Order-No.	€	
6	50	125	12			0003-056 306	9,20			
8	50	125	12			0003-056 308	9,20			
10	50	125	12	0003-056 010	7,55	0003-056 310	7,55			
13	50	125	12	0002-056 011	7,75	0002-056 311	7,75			
16	50	125	12	0002-056 012	7,95	0002-056 312	7,95			
19	65	125	12	0002-056 013	8,25			0002-056 333	8,25	
22	65	125	12	0002-056 014	8,30			0002-056 334	8,30	
25	65	125	12	0002-056 015	8,55			0002-056 335	8,55	
32	65	125	12	0002-056 016	10,35			0002-056 336	10,35	
38	65	125	12	0002-056 017	11,05			0002-056 337	11,05	
50	65	125	12	0002-056 018	12,30			0002-056 338	12,30	

INTERNAL FINISHING

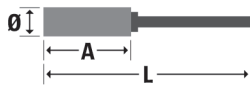
Tube & internal brushes

Nylon-Diamond



PREMIUM

Zinc-plated twisted shaft with brass stabilising sleeve.



USAGE



Internal cleaning	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Brush edges/tapered grooves	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Derust	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Thread/drill hole cleaning	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plateau finish	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Nylon-Diamond 1000
 Nylon-Diamond 400-800
 Crisp 0.5x Wire 0.05-0.20
 Abrasive bristle BS-200
 Newell WP 100-120
 Crisp Intensive 0.6-0.90
 Nylon-Diamond

TRIM AND MATERIAL

Products available with:

Nylon-Diamond →

Steel	<input type="checkbox"/>
Cast steel	<input type="checkbox"/>
Stainless steel	<input type="checkbox"/>
Non-ferrous metal	<input type="checkbox"/>
Aluminium	<input type="checkbox"/>
Soft wood	<input type="checkbox"/>
Hard wood	<input type="checkbox"/>

mm					Grit 400		Grit 800			
Ø	A	L	S	pcs.	Order-No.	RRP	Order-No.	RRP	Order-No.	€
2	20	100	1	2	0008-852 002	65,55				
2	20	100	1	10			0008-852 802	65,55		
2,5	20	100	1	2	0018-852 002	68,80				
2,5	20	100	1	10			0018-852 802	68,80		
3	20	100	1,5	2	0008-852 003	71,60				
3	20	100	1,5	10			0008-852 803	71,60		
3,5	20	100	1,5	2	0018-852 003	74,15				
3,5	20	100	1,5	10			0018-852 803	74,15		
4	20	115	3	2	0008-852 004	76,55	0008-852 804	76,55		
5	20	115	3	2	0008-852 005	80,65	0008-852 805	80,65		
6	20	115	3	2	0008-852 006	85,10	0008-852 806	85,10		
7	20	115	3	2	0008-852 007	88,05	0008-852 807	88,05		
8	20	115	3	2	0008-852 008	94,00	0008-852 808	94,00		
9	20	115	3	2	0008-852 009	98,95	0008-852 809	98,95		
10	20	115	4	2	0008-852 010	104,00	0008-852 810	104,00		
12	20	115	6	2	0008-852 012	108,00	0008-852 812	108,00		
15	20	115	6	2	0008-852 015	111,00	0008-852 815	111,00		
17	20	115	6	2	0008-852 017	115,00				
17	20	115	6	10			0008-852 817	115,00		
19	20	115	6	2	0008-852 019	117,00				
19	20	115	6	10			0008-852 819	117,00		
22	20	115	6	2	0008-852 022	122,00				
22	20	115	6	10			0008-852 822	122,00		
25	20	115	6	2	0008-852 025	129,00				
25	20	115	6	10			0008-852 825	129,00		

Tube & internal brushes

Nylon-Diamond




PREMIUM

Zinc-plated twisted shaft. Flexible trim re-erects when placed under a heavy load or deformed. Material less likely to break due to deformation.



USAGE



Internal cleaning	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Deburring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Brush edges/tapered grooves	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Derust	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Thread/drill hole cleaning	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plateau finish	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Nylon-Diamond 1000
 Nylon-Diamond 400-800
 Crisp 0.5x Wire 0.05-0.20
 Abrasive bristle BS-200
 Newell WP 100-120
 Crisp Intensive 0.6-0.90
 Nylon-Diamond

TRIM AND MATERIAL

Products available with:

Nylon-Diamond →

Steel	<input type="checkbox"/>
Cast steel	<input type="checkbox"/>
Stainless steel	<input type="checkbox"/>
Non-ferrous metal	<input type="checkbox"/>
Aluminium	<input type="checkbox"/>
Soft wood	<input type="checkbox"/>
Hard wood	<input type="checkbox"/>

mm					Grit 400		Grit 800			
Ø	A	L	S	pcs.	Order-No.	RRP	Order-No.	RRP	Order-No.	€
8	15	115	3,5	10	0008-835 008	70,70	0008-835 808	70,70		
10	15	115	3,5	10	0008-835 010	73,90	0008-835 810	73,90		
12	15	115	3,5	10	0008-835 012	84,00				
12	15	115	3,5	1			0008-835 812	84,00		
15	15	115	3,5	10	0008-835 015	88,15	0008-835 815	88,15		
18	15	115	3,5	10	0008-835 018	96,80				
18	15	115	3,5	2			0008-835 818	96,80		

INTERNAL FINISHING

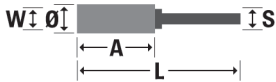
novoflex-B®

abrasive filament



PREMIUM

Flexible, self-centering honing tool. Achieves a plateau finish. Due to cross grinding, a good carrier for oil film adhesion.



mm						Grit SC 120	RRP	Grit SC 180	RRP		
W	Ø	A	L	S	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
8	9	50	200	3,6	1	9818-036 309	19,50	9828-036 309	19,50		
9	10	50	200	3,6	1	9818-036 310	20,25	9828-036 310	20,25		
10	11	60	200	3,6	1	9818-036 311	20,70	9828-036 311	20,70		
11	12	60	200	3,6	1	9818-036 312	21,15	9828-036 312	21,15		
12	13	60	200	3,6	1	9818-036 313	21,50	9828-036 313	21,50		
14	15,5	60	200	3,6	1	9818-036 316	21,95	9828-036 316	21,95		
16	18	60	200	4,6	1	9818-036 318	23,30	9828-036 318	23,30		
18	20	60	200	4,6	1	9818-036 320	23,75	9828-036 320	23,75		
20	22	70	200	4,6	1	9818-036 322	24,15	9828-036 322	24,15		
22	25	70	200	4,6	1	9818-036 325	25,05	9828-036 325	25,05		
24	27	70	200	5,1	1	9818-036 327	25,95	9828-036 327	25,95		
25	28	70	200	5,1	1	9818-036 328	26,70	9828-036 328	26,70		
27	30	70	200	5,1	1	9818-036 330	27,60	9828-036 330	27,60		
29	32	70	200	5,1	1	9818-036 332	28,45	9828-036 332	28,45		
32	35	70	200	5,7	1	9818-036 335	29,90	9828-036 335	29,90		
35	38	70	200	5,7	1	9818-036 338	31,25	9828-036 338	31,25		
38	41	70	200	5,7	1	9818-036 341	32,70	9828-036 341	32,70		
41	45	70	200	5,7	1	9818-036 345	34,10	9828-036 345	34,10		
45	48	70	200	5,7	1	9818-036 348	35,55	9828-036 348	35,55		
48	51	70	200	6,5	1	9818-036 351	36,90	9828-036 351	36,90		
51	54	70	200	6,5	1	9818-036 354	37,95	9828-036 354	37,95		
54	57	70	200	6,5	1	9818-036 357	38,30	9828-036 357	38,30		
57	60	70	200	7,3	1	9818-036 360	39,00	9828-036 360	39,00		
60	64	70	200	7,3	1	9818-036 364	39,70	9828-036 364	39,70		

novoflex-S®

novofil®-WF



PREMIUM

Operating speed approx. 600 min⁻¹. Use with oscillation in one direction.



USAGE

Internal cleaning
 Brush edges/tapered grooves
 Thread/drill hole cleaning
 Plateau finish

Internal cleaning
 Deburring
 Brush edges/tapered grooves
 Derust
 Thread/drill hole cleaning
 Plateau finish

MVA 650/MSD 1000
 Nylon 11um, 400-600
 Orig. Dia. Wire 0,08-0,20
 Abrasive brush ES-320
 Novel Fil 120/320
 Comp. Stripes 0,6-0,50
 P10/10/10/10

TRIM AND MATERIAL

Products available with:

Abrasive bristle

- Steel
- Cast steel
- Stainless steel
- Non-ferrous metal
- Aluminium
- Soft wood
- Hard wood

mm					Grit 120	RRP	Grit 320	RRP		
Ø	A	L	S	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
16	22	90	3,18	12	9907-036 450	26,60				
16	22	90	3,18	6			9907-036 451	26,60		
26	22	85	3,18	6	9907-036 452	35,95	9907-036 453	35,95		
32	25	85	3,18	1	9907-036 474	48,15				
32	25	85	3,18	6			9907-036 476	48,15		
38	38	125	6,35	2	9907-036 454	70,40				
38	38	125	6,35	12			9907-036 455	70,40		
51	38	120	6,35	2	9907-036 456	76,35				
51	38	120	6,35	12			9907-036 457	76,35		
63	50	160	9,53	2	9907-036 458	87,40				
63	50	160	9,53	12			9907-036 459	87,40		
76	50	160	9,53	2	9907-036 460	102,00	9907-036 461	102,00		

INTERNAL FINISHING

Shank extension

mm				RRP					
S	L		pcs.	Order-No.	€	Order-No.	€	Order-No.	€
6,35	150		1	9907-075 485	13,05				
6,35	300		1	9907-075 486	15,30				
12,70	400		1	9907-075 488	76,95				

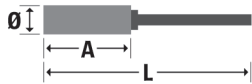
PREMIUM

novoflex-H®
novofil®-WF



PREMIUM

Oscillating use at approx. 600-1400 min-1.
Version with very dense trim.



USAGE

Internal cleaning
Deburring
Brush edges/tapered grooves
Derust
Thread/drill hole cleaning
Plateau finish

Ni-Mn-Br/Al-Si-Fe
Ni-Mn-Br/Al-Si-Fe
Dyq. Old. Wire C 0,8-1,20
Aluminum bristle 60-320
Newell WF 100-120
Crimp. Intensive 0,8-1,50
Ni-Mn-Natural

TRIM AND MATERIAL

Products available with:

Abrasive bristle →

Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
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mm						Grit 120	RRP	Grit 320	RRP		
Ø	A	L	S	pcs.	Order-No.	€	Order-No.	€	Order-No.	€	
16	22	90	3,18	6	9907-036 300	24,55	9907-036 301	24,55			
19	22	90	3,18	6	9907-036 478	29,75					
22	22	85	3,18	6	9907-036 480	36,70	9907-036 481	36,70			
26	22	85	3,18	6	9907-036 302	39,65					
26	22	85	3,18	12			9907-036 303	39,65			
29	50	125	3,18	2	9907-036 482	54,90					
29	50	125	6,35	25			9907-036 483	54,90			
25	50	125	6,35	2	9907-036 484	71,80					
38	50	125	6,35	2	9907-036 304	74,80	9907-036 305	74,80			
42	50	125	6,35	2	9907-036 491	78,95	9907-036 490	78,95			
46	50	125	6,35	2	9907-036 489	83,75	9907-036 488	83,75			
51	50	125	6,35	2	9907-036 306	86,85	9907-036 307	86,85			
56	50	125	6,35	2	9907-036 486	92,25	9907-036 487	92,25			
63	90	160	9,53	2	9907-036 308	88,20	9907-036 309	88,20			
76	100	160	9,53	2	9907-036 310	101,00	9907-036 311	101,00			
89	100	160	9,53	2	9907-036 312	107,00	9907-036 313	107,00			
102	100	160	9,53	2	9907-036 314	183,00	9907-036 315	183,00			
115	100	152	9,53	2	9907-036 316	203,00	9907-036 317	203,00			
127	125	230	12,7	2	9907-036 318	228,00	9907-036 319	228,00			
140	125	235	12,7	2	9907-036 320	259,00	9907-036 321	259,00			
153	140	230	12,7	2	9907-036 322	263,00	9907-036 323	263,00			

INTERNAL FINISHING

novoflex-HF®

novofil®-WF



USAGE

Internal cleaning	<input checked="" type="checkbox"/>
Deburring	<input checked="" type="checkbox"/>
Brush edges/tapered grooves	<input checked="" type="checkbox"/>
Derust	<input checked="" type="checkbox"/>
Thread/drill hole cleaning	<input checked="" type="checkbox"/>
Plateau finish	<input checked="" type="checkbox"/>

NWA 600/MS 1000
Nylon Diam. 400-800
Crb. Dia. Wire 0,08-0,20
Abrasive grade ES-300
Novofil WF 120+320
Crimp. Intensive 0,6-0,90
Nylon/Alu/Al.

TRIM AND MATERIAL

Products available with:

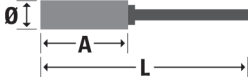
Abrasive bristle →

<input checked="" type="checkbox"/>	Steel
<input checked="" type="checkbox"/>	Cast steel
<input checked="" type="checkbox"/>	Stainless steel
<input checked="" type="checkbox"/>	Non-ferrous metal
<input checked="" type="checkbox"/>	Aluminium
<input checked="" type="checkbox"/>	Soft wood
<input checked="" type="checkbox"/>	Hard wood



PREMIUM

Oscillating use at approx. 600-1400 min-1.
Flexible version with low density trim.



mm						Grit 120	RRP	Grit 320	RRP
Ø	A	L	S	pcs.		Order-No.	€	Order-No.	€
38	50	125	6,35	1		9907-036 350	70,20		
38	50	125	6,35	2				9907-036 351	70,20
51	50	125	6,35	2		9907-036 352	72,55	9907-036 353	72,55
63	90	160	9,53	2		9907-036 354	80,05	9907-036 355	80,05
76	100	160	9,53	2		9907-036 356	89,85	9907-036 357	89,85
89	100	160	9,53	2		9907-036 358	92,80	9907-036 359	92,80
102	100	160	9,53	2		9907-036 360	145,00	9907-036 361	145,00
115	100	152	9,53	2				9907-036 363	145,00
115	100	152	9,53	12		9907-036 362	145,00		
127	125	230	12,7	2		9907-036 364	156,00	9907-036 365	156,00
140	125	235	12,7	2		9907-036 366	165,00	9907-036 367	165,00
153	140	230	12,7	2		9907-036 368	176,00	9907-036 369	176,00

Hole cleaning brushes

crimped wire

mm



Steel wire
Crimped

RRP

Ø	A	L	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
15	100	280	10	0002-892 215	8,75				
20	100	280	10	0002-892 220	9,05				
25	100	280	10	0002-892 225	9,25				
30	100	280	10	0002-892 230	9,60				



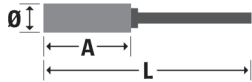
To clean the inside of steel, wood or plastic products. To remove chippings and loose particles.



INTERNAL FINISHING

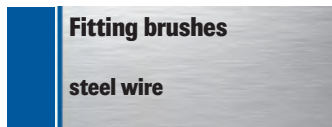


Double wire cable and loop.



mm				Steel wire Crimped	RRP	Brass Crimped	RRP	Stainless Crimped	RRP
Ø	A	L	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
4	100	300	20	0003-816 204	6,70			0003-816 304	11,10
5	100	300	20	0003-816 205	6,75			0003-816 305	11,10
6	100	300	20	0003-816 206	6,75	0003-816 506	7,25	0003-816 306	11,10
8	100	300	20	0003-816 208	5,80	0003-816 508	7,25	0003-816 308	8,00
10	100	300	20	0003-816 210	5,80	0003-816 510	6,95	0003-816 310	8,00
12	100	300	20	0003-816 212	6,10	0003-816 512	6,95	0003-816 312	8,00
15	100	300	20	0002-816 215	6,20	0002-816 515	7,10	0002-816 315	8,25
18	100	300	20	0002-816 218	6,25	0002-816 518	7,10	0002-816 318	8,25
20	100	300	20	0002-816 220	6,25	0002-816 520	7,10	0002-816 320	8,25
25	100	300	20	0002-816 225	6,60	0002-816 525	7,90	0002-816 325	8,40

mm				Nylon	RRP				
Ø	A	L	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
4	100	300	20	0003-816 804	2,10				
5	100	300	20	0003-816 805	2,10				
6	100	300	20	0003-816 806	2,10				
8	100	300	20	0003-816 808	2,10				
10	100	300	20	0003-816 810	2,20				
12	100	300	20	0003-816 812	2,20				
15	100	300	20	0003-816 815	2,50				
18	100	300	20	0003-816 818	2,50				
20	100	300	20	0003-816 820	2,65				
25	100	300	20	0003-816 825	2,75				



To clean the inside of tubes and solder fittings made of copper or red brass.



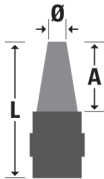
mm				0,12 Steel wire	RRP	0,20 Steel wire	RRP	0,26 Steel wire	RRP
Ø	A	L	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
6	25	160	12	0003-075 250	5,55				
10	25	160	12	0003-075 251	5,65				
13	25	160	12			0003-075 252	5,70		
16	25	160	12			0003-075 253	5,70		
19	28	160	12			0003-075 254	5,75		
23	25	160	12			0003-075 255	5,75		
26	25	160	12			0003-075 256	5,90		
29	32	160	12					0003-075 257	6,00
33	35	160	12					0003-075 258	6,10
43	38	160	6					0003-075 259	6,20
56	45	160	6					0003-075 260	6,40

Battery terminal brush

steel wire



To clean batteries (pole and clamp cleaning).



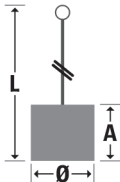
mm			pcs.	Steel wire Crimped	RRP					
Ø	T	L		Order-No.	€	Order-No.	€	Order-No.	€	
15/ 25	65	120	12	0008-493 100	9,05					

Stove pipe cleaners

crimped wire



With a flexible, galvanised wire handle.



mm			pcs.	0,30 Crimped	RRP					
Ø	A	L		Order-No.	€	Order-No.	€	Order-No.	€	
125	120	2000	10	0002-824 213	10,80					
125	120	3000	10	0002-825 213	12,20					
140	120	2000	10	0002-824 214	11,70					
140	120	3000	10	0002-825 214	12,85					
160	120	3000	10	0002-825 216	13,25					
210	120	2000	10	0002-824 221	12,70					

INTERNAL FINISHING

Face brushes

flat wire



Round shape.

mm Ø	G	pcs.	Steel wire	RRP					
			Order-No.	€	Order-No.	€	Order-No.	€	
100	M12 x175	5	0003-890 100	7,45					
125	M12 x175	5	0003-890 125	7,55					
150	M12 x175	5	0003-890 150	7,65					
200	M12 x175	5	0003-890 200	8,80					
250	M12 x175	5	0003-890 250	9,50					
300	M12 x175	5	0003-890 300	9,85					
350	M12 x175	5	0003-890 350	10,45					
400	M12 x175	5	0003-890 400	15,40					

Face brushes

flat wire



Square shape.

mm Ø	G	pcs.	2,4 x 0,4	RRP					
			Order-No.	€	Order-No.	€	Order-No.	€	
200x200	M12 x175	5	0003-896 200	11,20					
250x250	M12 x175	5	0003-896 250	13,10					
300x300	M12 x175	5	0003-896 300	16,45					
350x350	M12 x175	5	0003-896 350	23,35					

Face brushes

Nylon





mm Ø	G	pcs.	PPN Green	RRP					
			Order-No.	€	Order-No.	€	Order-No.	€	
150	M12 x175	5	0003-890 815	9,10					
200	M12 x175	5	0003-890 820	10,95					
250	M12 x175	5	0003-890 825	12,00					
300	M12 x175	5	0003-890 830	15,20					

Face brushes

Nylon



mm			PPN Green	RRP					
Ø	G	pcs.	Order-No.	€	Order-No.	€	Order-No.	€	
150	M12 x175	5	0003-870 815	11,30					
200	M12 x175	5	0003-870 820	13,20					
250	M12 x175	5	0003-870 825	14,25					
300	M12 x175	5	0003-870 830	17,60					

Handle

for face brushes



mm				RRP		RRP			
Ø	L	G	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
18	1000	M12	5	0003-824 100	9,35	0003-844 100 *	12,55		
18	1500	M12	5	0003-824 150	10,45	0003-844 150 *	13,60		
18	2000	M12	5	0003-824 200	12,75	0003-844 200 *	15,70		
20	1000	M12	5	0003-834 100	18,30				
20	1500	M12	5	0003-834 150	20,20				
20	2000	M12	5	0003-834 200	21,95				

*self-locking

Plastic covered, not flexible.

STRONG PRESENCE IN THE RETAIL MARKET.

**Convincing for customers.
High performance for the retail market.**

Osborn is a strong partner to the retail market. As a traditional manufacturer, we make tools our customers can trust.



Our product range includes innovative solutions to meet every requirement. Our trade partners also benefit enormously from our services.



A well-equipped sales network, tested and TÜV-certified products, great service and eye-catching POS concepts make Osborn the first choice for the retail market.

THE KEY TO MORE PRODUCT- ORIENTATION IN THE BRUSH MARKET

Osborn at the POS.

Most customers make their decision to purchase directly at the shelf. That is why an attractive and consistent presence at the POS is essential for us.

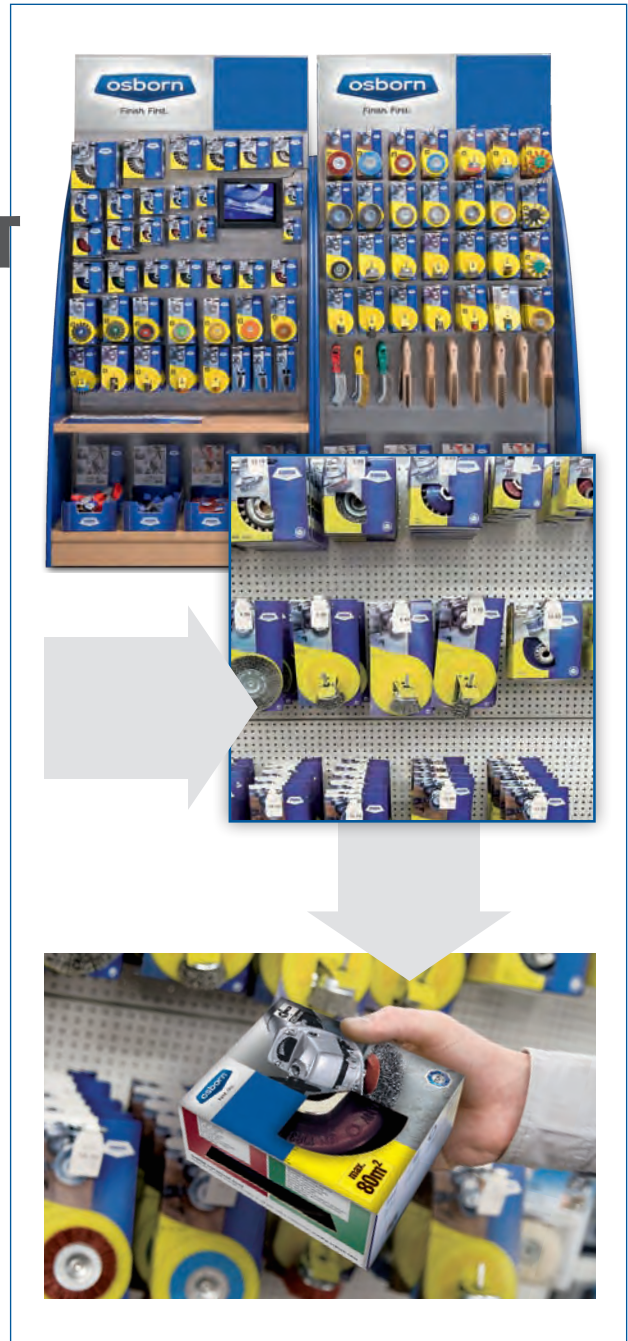
We support our trade partners with innovative concepts and fresh ideas – from the individual packaging to the complete shelf solution.

Finding instead of searching for information.

The new design of the Osborn packaging not only changes the look but now offers **intelligent features** to give the user a completely new purchasing experience that continues through all channels.



→ Detailed information on packaging can be found on the following pages.



THE OSBORN ADVANTAGE

To promote our mutual success in the retail market, we support our partners with extensive POS materials and guarantee a strong presence on the shelf. In addition to the new packaging, all POS materials have been reworked and now present strong sales arguments such as our TÜV certification and the metre performance - direct, fast and to the point.

FASTER TO THE RIGHT PRODUCT

The best advice. On the packaging.

The new Osborn packaging now makes it even easier to find the right product.

Just **four quick steps**, and you can now find the perfect tool from our wide range of brushes and other products.

Clearly displayed on our POS materials are the four, self-explanatory steps you need to obtain expert advice.

1. Problem-free selection:

Icons on the packaging tell you immediately which product matches which machine. Angle grinders, power drills or something quite different - this question is cleared up in a flash.



2. Quick info on trim materials:

Here, consumers can find useful information on trim materials. For which surface is it suitable? For what kind of work? What is it made of?



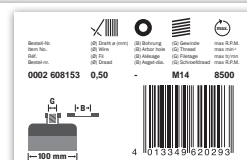
4. Product performance clear to everyone.

Product performance at a glance. The metre performance information is immediately visible on the front of the packaging, allowing the customer to purchase according to need.



3. Detailed info on the product:

The details about the product provide information on size, speed or TÜV certification.



SCAN. INFORM. DECIDE.

Inform online – decide at the shelf.

Osborn links the shelf to the Internet. From the very outset, customers have the option of loading additional details and product information directly onto their Smartphone, using the **QR codes** on our new packaging. It is so easy and lightening fast to clear up any questions about our products right there at the shelf.

The QR codes are located on our individual packaging, on loose products in assortment boxes and on the display card.



Code on the packaging and the network directly at the POS.



1. QR code on shaft tags



2. QR code on assortment boxes



3. QR code on display cards



THE OSBORN ADVANTAGE

Efficient advice

The QR code is also a great source of advice as it allows the salesperson to access videos, pictures and information on the selected product quickly at the POS.

INTELLIGENTLY PACKAGED. EASILY SOLD.

Osborn products come in different kinds of packaging, with each version exploiting the advantages of the new presence to the full.

1.



Display card



Box/individual packaging

2. Shaft tags in assortment box

All the information is there in compressed form on the product shaft tag for customers going through the assortment boxes.



3. Sales module

The sales module is the most effective presentation at dealers.

There is sufficient space for all surface finishing tools for the most common hand-operated equipment.

Thanks to our broad range of packaging, you can design a wall module to suit your customer base.

→ Suggestions are given on the following pages.




Specialist
(Brushes)

Professional
(Brushes)


Professional
(Polishing/Satinising)

1. Brushes on display cards

Order no.	Item	Ø	A	Trim/Use	Use	pcs./Hook	pcs.	€ Gross/each	€ Gross per packaging unit		Info on page
7004-401132	Flap wheel; 6 mm shaft	100	25	Crimped, galvanised steel wire 0.30	Metal	6	6	8,95	53,70	✓	39
7801-401912	Flap wheel; 6 mm shaft	100	23	Grittyflex 80 grit	Wood	6	6	12,55	75,30	✓	40
7004-401942	Flap wheel; 6 mm shaft	100	25	Tampico fibre	Wood	6	6	9,05	54,30	✓	40
7002-504542	Wheel brush; 6 mm shaft	50	17	Crimped brass wire 0.20	Wood	6	6	11,55	69,30	✓	30
7002-504161	Wheel brush; 6 mm shaft	50	10	Crimped, steel wire 0.30	Metal	6	6	5,35	32,10	✓	29
7003-600211	Wheel brush; 6 mm shaft	50	7	Crimped, steel wire 0.20	Metal	6	8	3,15	25,20	–	30
7003-600221	Wheel brush; 6 mm shaft	50	7	Crimped, steel wire 0.30	Metal	6	8	2,75	22,00	–	30
7002-504361	Wheel brush; 6 mm shaft	50	10	Crimped, stainless steel wire 0.30	Metal	6	6	7,15	42,90	✓	30
7008-600051	Wheel brush; 6 mm shaft	50	7	Crimped, brass-coated steel wire 0.30	Metal	8	8	2,05	16,40	–	–
7003-600321	Wheel brush; 6 mm shaft	63	9	Crimped, steel wire 0.30	Metal	8	8	3,00	24,00	–	30
7002-911941	Wheel brush; 6 mm shaft, plastic bonded	63	8	Crimped, brass-coated steel wire 0.30	Metal	8	8	15,95	127,60	✓	33
7002-506542	Wheel brush; 6 mm shaft	70	19	Crimped brass wire 0.20	Metal	6	6	14,15	84,90	✓	30
7602-506162	Wheel brush; 6 mm shaft	70	18	Crimped, steel wire 0.30	Metal	6	6	8,20	49,20	✓	29
7002-506362	Wheel brush; 6 mm shaft	70	18	Crimped, stainless steel wire 0.30	Metal	6	6	15,70	94,20	✓	30
7182-600491	Wheel brush; 6 mm shaft, abrasive	75	16	Grittyflex 180 grit	Wood	8	8	9,60	76,80	✓	33
7802-600491	Wheel brush; 6 mm shaft, abrasive	75	16	Grittyflex 80 grit	Wood	8	8	9,60	76,80	✓	33
7023-600451	Wheel brush; 6 mm shaft	75	10	Crimped brass wire 0.20	Wood	8	8	4,85	38,80	–	–
7003-600421	Wheel brush; 6 mm shaft	75	10	Crimped, steel wire 0.30	Metal	8	8	3,40	27,20	–	30
7018-600422	Wheel brush; 6 mm shaft	75	15	Crimped, steel wire 0.30	Metal	6	6	5,30	31,80	–	30
7202-611151	Wheel brush; 6 mm shaft	75	8	Knotted steel wire 0.50	Metal	8	8	10,95	87,60	✓	29
7008-600432	Wheel brush; 6 mm shaft	75	10	Crimped, stainless steel wire 0.30	Metal	8	8	6,95	55,60	–	30
7012-611351	Wheel brush; 6 mm shaft	75	12	Knotted stainless steel wire 0.50	Metal	8	8	20,45	163,60	✓	29
7008-600075	Wheel brush; 6 mm shaft	75	10	Crimped, brass-coated steel wire 0.30	Metal	8	8	2,50	20,00	–	–
7002-911951	Wheel brush; 6 mm shaft, plastic bonded	76	8	Crimped, brass-coated steel wire 0.30	Metal	8	8	16,35	130,80	✓	33
7003-507061	Wheel brush; 8 mm shaft	80	35	Crimped cord wire 0.25	Wood	4	8	17,30	138,40	–	32
7182-600591	Wheel brush; 6 mm shaft, abrasive	100	10	Grittyflex 180 grit	Wood	8	8	10,35	82,80	✓	33
7802-600591	Wheel brush; 6 mm shaft, abrasive	100	10	Grittyflex 80 grit	Wood	8	8	10,35	82,80	✓	33
7003-600521	Crimped wheel brush; 6 mm shaft, coarse	100	12	Crimped, steel wire 0.30	Metal	8	8	4,70	37,60	–	30
7018-600521	Wheel brush; 6 mm shaft	100	12	Crimped, stainless steel wire 0.30	Metal	6	6	9,75	58,50	–	–
7018-600522	Wheel brush; 6 mm shaft	100	17	Crimped, steel wire 0.30	Metal	8	8	6,70	53,60	–	30
7002-630305	End brush; 6 mm shaft, high-speed	20	–	Knotted steel wire 0.35	Metal	8	8	16,40	131,20	✓	51
7002-630328	End brush; 6 mm shaft, high-speed	20	–	Knotted stainless steel wire 0.26	Metal	8	8	25,95	207,60	✓	51
7002-509162	End brush; 6 mm shaft, high-speed	17	–	Crimped, steel wire 0.30	Metal	8	8	4,80	38,40	–	37
7002-509163	End brush; 6 mm shaft, high-speed	25	–	Crimped, steel wire 0.30	Metal	8	8	5,65	45,20	–	37
7002-509164	End brush; 6 mm shaft, high-speed	30	–	Crimped, steel wire 0.30	Metal	8	8	8,30	66,40	–	37
7008-509363	End brush; 6 mm shaft, DIY	25	–	Crimped, stainless steel wire 0.30	Metal	8	8	6,10	48,80	–	37
7812-509913	End brush; 6 mm shaft, abrasive	25	–	Grittyflex 80 grit	Wood	8	8	5,00	40,00	✓	38
7802-509913	End brush; 6 mm shaft, abrasive	25	–	Grittyflex 180 grit	Wood	8	8	5,00	40,00	✓	38
7002-930907	End brush; 6 mm shaft, plastic bonded	24	–	Crimped, brass-coated steel wire 0.30	Metal	8	8	13,35	106,80	✓	38
7028-600041	Cup brush; 6 mm shaft	50	–	Crimped, brass-coated steel wire 0.30	Metal	8	8	2,25	18,00	–	–
7023-600851	Cup brush; 6 mm shaft	50	–	Crimped brass wire 0.20	Metal	8	8	4,35	34,80	–	35
7003-600821	Cup brush; 6 mm shaft	50	–	Crimped, steel wire 0.30	Metal	8	8	3,05	24,40	–	35
7008-600832	Cup brush; 6 mm shaft	50	–	Crimped, stainless steel wire 0.30	Metal	8	8	6,70	53,60	–	35
7002-930821	Cup brush; 6 mm shaft, plastic bonded	50	–	Crimped, brass-coated steel wire 0.30	Metal	8	8	18,25	146,00	✓	35
7004-608151	Cup brush; 6 mm shaft	65	–	Knotted steel wire 0.50	Metal	6	8	11,80	94,40	✓	35
7182-600991	Cup brush; 6 mm shaft, abrasive	75	–	Grittyflex 180 grit	Wood	5	8	10,90	87,20	✓	36
7802-600991	Cup brush; 6 mm shaft, abrasive	75	–	Grittyflex 80 grit	Wood	5	8	10,90	87,20	✓	36
7028-600061	Cup brush; 6 mm shaft	75	–	Crimped, brass-coated steel wire 0.30	Metal	5	6	2,80	16,80	–	–
7008-600361	Cup brush; 6 mm shaft	75	–	Crimped, stainless steel wire 0.30	Metal	5	6	9,75	58,50	–	35
7003-600911	Cup brush; 6 mm shaft	75	–	Crimped, steel wire 0.20	Metal	5	8	3,80	30,40	–	35
7003-600921	Cup brush; 6 mm shaft	75	–	Crimped, steel wire 0.30	Metal	5	8	3,70	29,60	–	35
7008-601921	Cup brush; 6 mm shaft	75	–	Crimped, steel wire 0.30	Metal	5	6	3,70	22,20	–	35
7002-809116	Tube brush with twisted wire	16	–	Crimped, steel wire 0.20	Metal	8	8	6,15	49,20	–	–
7002-809125	Tube brush with twisted wire	25	–	Crimped, steel wire 0.30	Metal	8	8	6,35	50,80	–	–
7002-809132	Tube brush with twisted wire	32	–	Crimped, steel wire 0.20	Metal	8	8	6,45	51,60	–	–
1908-600003	Brush set, 3-part, universal hand brushes (pack without display card)	–	–	Steel wire (red handle), stainless steel wire (green handle), brass wire (yellow handle)	Metal	4	8	13,15	105,20	–	75

→ Other brushes on display cards or assortment boxes available upon request.

2. Brushes in assortment box

Order no.	Item	Ø	Trim/Use	Use	pcs.	* € Gross/each	€ Gross per packaging unit		Info on page
8902-509163	End brush; 6 mm shaft	25	Crimped, steel wire 0.30	Metal	50	5,66	283,00	–	37
0894-509913	End brush; 6 mm shaft, abrasive	25	Grittyflex 80 grit	Wood	50	4,98	249,00	✓	38
1894-509913	End brush; 6 mm shaft, abrasive	25	Grittyflex 180 grit	Wood	50	4,98	249,00	✓	38
8902-611151	Wheel brush; 6 mm shaft	75	Knotted steel wire 0.50	Metal	35	10,94	383,00	✓	47
8903-507061	Wheel brush; 6 mm shaft	80	Crimped cord wire 0.25	Wood	15	17,33	260,00	–	32
8903-600211	Wheel brush; 6 mm shaft	50	Crimped, steel wire 0.20	Metal	50	3,14	157,00	–	30
8903-600221	Wheel brush; 6 mm shaft	50	Crimped, steel wire 0.30	Metal	50	2,72	136,00	–	30
8903-600321	Wheel brush; 6 mm shaft	63	Crimped, steel wire 0.30	Metal	50	2,98	149,00	–	30
8903-600451	Wheel brush; 6 mm shaft	75	Crimped brass wire 0.20	Metal	40	4,83	193,00	–	
8904-600411	Wheel brush; 6 mm shaft	75	Crimped, steel wire 0.20	Metal	40	3,53	141,00	–	
8904-600421	Wheel brush; 6 mm shaft	75	Crimped, steel wire 0.30	Metal	40	3,40	136,00	–	30
8904-600511	Wheel brush; 6 mm shaft	100	Crimped, steel wire 0.20	Metal	25	5,08	127,00	–	
8904-600521	Wheel brush; 6 mm shaft	100	Crimped, steel wire 0.30	Metal	25	4,68	117,00	–	30
1894-600491	Wheel brush; 6 mm shaft, abrasive	75	Grittyflex 180 grit	Wood	40	9,58	383,00	✓	33
0894-600491	Wheel brush; 6 mm shaft, abrasive	75	Grittyflex 80 grit	Wood	40	9,58	383,00	✓	33
1894-600591	Wheel brush; 6 mm shaft, abrasive	100	Grittyflex 180 grit	Wood	25	10,36	259,00	✓	33
0894-600591	Wheel brush; 6 mm shaft, abrasive	100	Grittyflex 80 grit	Wood	25	10,36	259,00	✓	33
8902-506162	Wheel brush; 6 mm shaft, high-speed	70	Crimped, steel wire 0.30	Metal	30	8,17	245,00	✓	47
8904-608151	Cup brush; 6 mm shaft	65	Knotted steel wire 0.50	Metal	25	11,24	281,00	✓	34
8903-600851	Cup brush; 6 mm shaft	50	Crimped brass wire 0.20	Metal	40	4,35	174,00	–	35
8904-600811	Cup brush; 6 mm shaft	50	Crimped, steel wire 0.20	Metal	40	3,20	128,00	–	
8904-600821	Cup brush; 6 mm shaft	50	Crimped, steel wire 0.30	Metal	40	3,05	122,00	–	35
8904-600921	Cup brush; 6 mm shaft	75	Crimped, steel wire 0.30	Metal	25	3,66	91,45	–	35
1894-600891	Cup brush; 6 mm shaft, abrasive	50	Grittyflex 180 grit	Wood	40	9,15	366,00	✓	36
0894-600891	Cup brush; 6 mm shaft, abrasive	50	Grittyflex 80 grit	Wood	40	9,15	366,00	✓	36
1894-600991	Cup brush; 6 mm shaft, abrasive	75	Grittyflex 180 grit	Wood	25	10,88	272,00	✓	36
0894-600991	Cup brush; 6 mm shaft, abrasive	75	Grittyflex 80 grit	Wood	25	10,88	272,00	✓	36
8003-462391	Universal manual scrubbing brush	–	Crimped, stainless steel wire 0.30	Metal	24	6,13	147,00	–	75
8003-462591	Universal manual scrubbing brush	–	Crimped brass wire 0.30	Metal	24	6,13	147,00	–	75
8003-462291	Universal manual scrubbing brush	–	Crimped, steel wire 0.30	Metal	24	2,77	66,50	–	75

* Piece price rounded off; the packaging price is binding

Single assortment box (without content)


6095-300198	Osborn tray assortment box	3,60
6095-320198	Osborn narrow sign assortment box	./.
6095-330198	Osborn blank tray assortment box	

→ Other brushes on display cards or assortment boxes available upon request.




3. Brush sales module (specialist)

Complete sales module, specialist Osborn presentation wall (W 1.00 x H 1.60 m)

Order no.	EAN	Item	Ø	Trim/Use	Packaging	pcs./Hook	pcs.	€ Gross/each	€ Gross per packaging unit		Info on page
1st row of hooks											
0002-653151	4013349610225	Knotted wheel brush; Bo 22.2	178	Steel	Individual packaging	5	5	26,05	130,25	✓	17
0002-641151	4013349114310	Knotted wheel brush; Bo 22.2	150	Steel	Individual packaging	5	5	20,55	102,75	✓	17
1402-631151	4013349187857	Knotted wheel brush; M 14	125	Steel	Individual packaging	8	8	20,85	166,80	✓	17
2202-631151	4013349123893	Knotted wheel brush; Bo 22.2	125	Steel	Individual packaging	8	8	18,95	151,60	✓	17
0002-631151	4013349610232	Knotted wheel brush; Bo 22.2	115	Steel	Individual packaging	10	10	16,80	168,00	✓	17
0002-631351	4013349114242	Knotted wheel brush; Bo 22.2	115	Stainless steel wire	Individual packaging	3	3	35,85	107,55	✓	17
2nd row of hooks											
0002-608155	4013349620163	Knotted cup brush; M 14	120	Steel	Individual packaging	3	4	38,45	153,80	✓	23
0002-608154	4013349620095	Knotted cup brush; M 14	100	Steel	Individual packaging	3	5	31,25	156,25	✓	23
0002-608153	4013349620293	Knotted cup brush; M 14	80	Steel	Individual packaging	3	6	26,35	158,10	✓	23
9908-608152	4013349628770	Knotted cup brush; M 14	75	Steel	Individual packaging	3	10	22,35	223,50	✓	22
0002-608151	4013349620057	Knotted cup brush; M 14	65	Steel	Individual packaging	5	10	11,20	112,00	✓	22
0002-608351	4013349620064	Knotted cup brush; M 14	65	Stainless steel wire	Individual packaging	4	4	24,45	97,80	✓	22
3rd row of hooks											
0002-613165	4013349560179	Crimped cup brush; M 14	125	Steel	Individual packaging	3	4	29,90	119,60	✓	24
0002-613164	4013349560063	Crimped cup brush; M 14	100	Steel	Individual packaging	3	3	21,40	64,20	✓	24
0002-613163	4013349560315	Crimped cup brush; M 14	80	Steel	Individual packaging	5	5	17,40	87,00	✓	24
0002-613162	4013349560438	Crimped cup brush; M 14	75	Steel	Individual packaging	5	10	14,80	148,00	✓	23
0002-613161	4013349560032	Crimped cup brush; M 14	60	Steel	Individual packaging	5	10	9,25	92,50	✓	23
0002-613361	4013349560117	Crimped cup brush; M 14	60	Stainless steel wire	Individual packaging	4	4	13,90	55,60	✓	23
4th row of hooks											
0002-632151	4013349114266	Knotted bevel brush; M 14	115	Steel	Individual packaging	5	5	20,70	103,50	✓	25
0002-632351	4013349114280	Knotted bevel brush; M 14	115	Stainless steel wire	Individual packaging	5	5	36,60	183,00	✓	25
0002-622151	4013349610010	Knotted bevel brush; M 14	100	Steel	Individual packaging	6	10	14,40	144,00	✓	25
0002-622351	4013349610287	Knotted bevel brush; M 14	100	Stainless steel wire	Individual packaging	5	5	21,15	105,75	✓	25
0002-512162	4013349111432	Crimped bevel brush; M 14	100	Steel	Individual packaging	5	10	14,80	148,00	✓	26
0002-512342	4013349111449	Crimped bevel brush; M 14	100	Stainless steel wire	Individual packaging	5	5	35,80	179,00	✓	26
0002-512161	4013349560667	Crimped bevel brush; M 14	100	Steel	Individual packaging	5	10	11,20	112,00	✓	26
5th row of hooks											
7202-611151	4013349610249	Knotted wheel brush; 6 mm shaft	75	Steel	Display card	8	8	10,95	87,60	✓	29
7012-611351	4013349695611	Knotted wheel brush; 6 mm shaft	75	Stainless steel wire	Display card	8	8	20,45	163,60	✓	47
7602-506162	4013349570086	Crimped wheel brush; 6 mm shaft	70	Steel	Display card	6	6	8,20	49,20	✓	29
7002-506362	4013349444226	Crimped wheel brush; 6 mm shaft	70	Stainless steel wire	Display card	6	6	15,70	94,20	✓	30
7002-506542	4013349570246	Crimped wheel brush; 6 mm shaft	70	Brass	Display card	6	6	14,15	84,90	✓	30
7002-911951	4013349600165	Wheel brush, plastic bonded	76	Brass-coated steel	Display card	8	8	16,35	130,80	✓	33
7002-911941	4013349600158	Wheel brush, plastic bonded	63	Brass-coated steel	Display card	8	8	15,95	127,60	✓	33
6th row of hooks											
7004-608151	4013349620958	Knotted cup brush; 6 mm shaft	65	Steel	Display card	6	8	11,80	94,40	✓	34
7002-630305	4013349707932	Knotted end brush	20	Steel	Display card	8	8	16,40	131,20	✓	51
7002-630328	4013349707949	Knotted end brush	20	Stainless steel wire	Display card	8	8	25,95	207,60	✓	51
7002-930821	4013349600134	Cup brush, plastic bonded	50	Brass-coated steel	Display card	8	6	18,25	109,50	✓	35
7002-930907	4013349600141	End brush; plastic bonded	24	Brass-coated steel	Display card	8	8	13,35	106,80	✓	38
7002-809116	4013349780195	Tube brush, 16 mm	-	-	Display card	8	8	6,15	49,20	-	-
7002-809125	4013349780225	Tube brush, 25 mm	-	-	Display card	8	8	6,35	50,80	-	-
7002-809132	4013349780263	Tube brush, 32 mm	-	-	Display card	8	8	6,45	51,60	-	-
Shelf base											
8003-462291	4013349510174	Universal hand brush	-	Steel	Dump bin	-	1	2,26	54,20	-	75
8902-509163	4013349580047	End brush; crimped	25	Steel	Dump bin	-	1	5,66	283,00	✓	37
0894-600591	4013349710154	Wheel brush; Grittyflex, red	100	Abrasive brush	Dump bin	-	1	10,36	258,95	✓	33
1894-600991	4013349720146	Cup brush; Grittyflex, blue	75	Abrasive brush	Dump bin	-	1	10,83	270,75	✓	36
									Total:	5.676,45	
Wall elements											
9703-000010	Basic wall 1,000 wide x 1,770 high x 500 deep, silver						1	408,00	408,00		
9703-000050	Wall hooks, silver						40	3,15	126,00		
9803-000016	Osborn display header						1	28,30	28,30		
6095-300198	Osborn tray assortment box						4	3,60	3,60		
6095-320198	Osborn narrow sign assortment box						4	./.			
6095-330198	Osborn blank tray assortment box						4				

3. Brush sales module (professional)

Complete sales module, professional Osborn presentation wall (W 1.00 x H 1.60 m)

Order no.	EAN	Item	Ø	Trim/Use	Packaging	pcs./Hook	pcs.	€ Gross/each	€ Gross per packaging unit		Info on page
1st row of hooks											
7802-600591	4013349710185	Abrasive nylon wheel brush; 6 mm shaft, coarse	100	80 grit	Display card	8	8	10,35	82,80	✓	33
7182-600591	4013349710192	Abrasive nylon wheel brush; 6 mm shaft, fine	100	180 grit	Display card	8	8	10,35	82,80	✓	33
7802-600491	4013349710215	Abrasive nylon wheel brush; 6 mm shaft, fine	75	80 grit	Display card	8	8	9,60	76,80	✓	33
7182-600491	4013349710208	Abrasive nylon wheel brush; 6 mm shaft, coarse	75	180 grit	Display card	8	8	9,60	76,80	✓	33
7802-600991	4013349720153	Abrasive nylon cup brush; 6 mm shaft, coarse	75	80 grit	Display card	5	8	10,90	87,20	✓	36
7182-600991	4013349720054	Abrasive nylon cup wheel brush; 6 mm shaft, fine	75	180 grit	Display card	5	8	10,90	87,20	✓	36
7801-401912	4013349315588	Flap wheel brush	100	80 grit	Display card	6	6	12,55	75,30	✓	40
2nd row of hooks											
7018-600522	4013349707864	Crimped wheel brush; 6 mm shaft, coarse	100 x 2	Steel	Display card	8	8	6,70	53,60	-	30
7003-600521	4013349590817	Crimped wheel brush; 6 mm shaft, coarse	100	Steel	Display card	8	8	4,70	37,60	-	30
7003-600421	4013349590572	Crimped wheel brush; 6 mm shaft, coarse	75	Steel	Display card	8	8	3,40	27,20	-	30
7008-600432	4013349707871	Crimped wheel brush; 6 mm shaft, coarse	75	Stainless steel wire	Display card	8	8	6,95	55,60	-	30
7003-600321	4013349590794	Crimped wheel brush; 6 mm shaft, coarse	63	Steel	Display card	8	8	3,00	24,00	-	30
7023-600451	4013349590800	Crimped wheel brush; 6 mm shaft, fine	75	Brass	Display card	8	8	4,85	38,80	-	30
7004-401132	4013349415127	Flap wheel brush	100	Galvanised wire	Display card	6	6	8,95	53,70	✓	39
3rd row of hooks											
7008-601921	4013349707895	Crimped cup brush; 6 mm shaft, coarse	80	Steel	Display card	5	6	3,70	22,20	-	35
7003-600921	4013349590770	Crimped cup brush; 6 mm shaft, coarse	75	Steel	Display card	5	8	3,70	29,60	-	35
7003-600911	4013349590022	Crimped cup brush; 6 mm shaft, fine	75	Steel	Display card	5	8	3,80	30,40	-	35
7008-600832	4013349707901	Crimped cup brush; 6 mm shaft, coarse	50	Stainless steel wire	Display card	8	8	6,70	53,60	-	35
7003-600821	4013349590756	Crimped cup brush; 6 mm shaft, coarse	50	Steel	Display card	8	8	3,05	24,40	-	35
7023-600851	4013349590763	Crimped cup brush; 6 mm shaft, fine	50	Brass	Display card	8	8	4,35	34,80	-	35
7004-401942	4013349456038	Flap wheel brush	100	Tampico fibre	Display card	6	6	9,05	54,30	✓	40
4th row of hooks											
7002-509164	4013349580085	Crimped end brush; 6 mm shaft	30	Steel	Display card	8	8	8,30	66,40	-	54
7002-509163	4013349580030	Crimped end brush; 6 mm shaft	25	Steel	Display card	8	8	5,65	45,20	-	37
7002-509162	4013349339331	Crimped end brush; 6 mm shaft	17	Steel	Display card	8	8	4,80	38,40	-	37
7008-509363	4013349707925	Crimped end brush; 6 mm shaft	25	Stainless steel wire	Display card	8	8	6,10	48,80	-	37
7812-509913	4013349730060	Grittyflex end brush; 6 mm shaft	25	80 grit	Display card	8	8	5,00	40,00	✓	38
7802-509913	4013349730060	Grittyflex end brush; 6 mm shaft	25	180 grit	Display card	8	8	5,00	40,00	✓	38
7003-507061	4013349570116	Brush for structuring; 8 mm shaft	80	Brass-coated wire	Display card	8	8	17,30	138,40	-	32
5th row of hooks											
0008-462291	4013349315823	Universal hand brush	-	Steel	loose	14	24	2,15	51,60	-	75
0008-462391	4013349315830	Universal hand brush	-	Stainless steel wire	loose	14	24	5,50	132,00	-	75
0008-462591	4013349315847	Universal hand brush	-	Brass	loose	14	24	5,50	132,00	-	75
0003-162133	4013349121257	Fillet weld brush	-	Steel	12 loose in basket	6	12	6,90	82,80	-	79
0001-152133	4013349510303	Standard manual scrubbing brush	-	Cast iron	loose	6	12	1,15	13,80	-	77
0001-152134	4013349510297	Standard manual scrubbing brush	-	Cast iron	loose	6	12	1,35	16,20	-	77
0001-151333	4013349510389	Standard manual scrubbing brush	-	Stainless steel wire	12 loose in basket	6	12	5,90	70,80	-	77
0001-151334	4013349510396	Standard manual scrubbing brush	-	Stainless steel wire	12 loose in basket	6	12	6,85	82,20	-	77
0001-150593	4013349510143	Standard manual scrubbing brush	-	Brass	12 loose in basket	6	12	3,55	42,60	-	77
0001-150594	4013349510150	Standard manual scrubbing brush	-	Brass	12 loose in basket	6	12	4,35	52,20	-	77
Shelf base											
8904-600821	4013349590435	DIY cup brush; coarse	50	Steel	Dump bin	40	1	122,00	122,00	-	35
8904-600811	4013349590428	DIY cup brush; fine	50	Steel	Dump bin	40	1	128,00	128,00	-	30
8903-600211	4013349590466	DIY wheel brush; fine	50	Steel	Dump bin	50	1	157,00	157,00	-	30
8904-600421	4013349590527	DIY wheel brush; coarse	75	Steel	Dump bin	40	1	136,00	136,00	-	30
								Total:	2.745,10		
Wall elements											
9703-000010	Basic wall 1,000 wide x 1,770 high x 500 deep, silver					1	408,00	408,00			
9703-000050	Wall hooks, silver					40	3,15	126,00			
9803-000016	Osborn display header					1	28,30	28,30			
6095-300198	Osborn tray assortment box					4	3,60	14,40			
6095-320198	Osborn narrow sign assortment box					4	.				
6095-330198	Osborn blank tray assortment box					4					

4. Polishing/satinising sales module (professional)

Complete sales module, professional Osborn presentation wall (W 1.00 x H 1.60 m)

Order no.	EAN	Key	Item	Ø	○	Trim/Use	Packaging	pcs./Hook	pcs.	€ Gross/each	€ Gross per packaging unit	Info on page
1st row of hooks – 5 hooks												
8203150944	4013349582676	1	Polishing buff for cutting	150	14	Sisal cloth	B blister	5	10	15,15	151,50	99
8203150914	4013349582706	2	Polishing buff for polishing - 2/set	150	14	Notiflex 914	B blister	5	5	19,45	97,25	99
8203150925	4013349582744	3	Polishing buff for colouring - 2/set	150	14	Notiflex 925	B blister	5	5	15,40	77,00	99
8603600010	4013349602022		10-part polishing set for 3-stage polishing process	100	10	Set	B blister	4	6	43,85	263,10	106
8603600004	4013349602046		4-part satinising set with fine grinding buffs (coarse, medium, fine)	100	10	Set	B blister	4	6	27,15	162,90	109
2nd row of hooks – 5 hooks												
8203150934	4013349582768		Satinising buff for coarse brush stroke	150	14	coarse	B blister	5	10	11,00	110,00	99
8203150936	4013349582799		Satinising buff for medium brush stroke	150	14	medium	B blister	5	10	13,30	133,00	99
8203150947	4013349582829		Satinising buff for fine brush stroke	150	14	fine	B blister	5	10	14,45	144,50	99
1203300003	4013349651280		Clamp set for angle polisher, clamping width 15-30	15-30 mm	M14	Clamp set	B blister	6	8	17,60	140,80	100
1213300003	4013349651297		Clamp set for angle polisher, clamping width 15-50	15-50mm	M14	Clamp set	B blister	6	8	19,05	152,40	100
3rd row of hooks – 7 hooks												
8203100944	4013349582102	1	Polishing buff for cutting	100	10	Sisal cloth	B blister	5	10	9,20	92,00	105
8203100914	4013349582690	2	Polishing buff for polishing - 2/set	100	10	Notiflex 914	B blister	5	5	8,80	44,00	105
8203100925	4013349582720	3	Polishing buff for high-gloss polishing - 2/set	100	10	Notiflex 925	B blister	5	5	9,00	45,00	105
8203100934	4013349582751		Satinising buff for coarse brush stroke	100	10	coarse	B blister	5	10	6,55	65,50	108
8203100936	4013349582782		Satinising buff for medium brush stroke	100	10	medium	B blister	5	10	7,10	71,00	108
8203100947	4013349582812		Satinising buff for fine brush stroke	100	10	fine	B blister	5	10	7,50	75,00	108
8103800224	4013349580252		6 mm tapered shaft for power drill/shaft	10-35mm	6	Clamp set	B blister	4	4	7,20	28,80	108
4th row of hooks – 6 hooks												
1913022115	4013349710789	10	Polishing disc for 3-stage polishing process	115	22,2	Felt, 3-stage	B blister	10	10	7,05	70,50	105
1903100290	4013349718556	9	Polishing buff for polishing and finishing	100	19/6 2KN	Cloth 290	B blister	5	10	3,25	32,50	101
1503015085	4013349695901	7	Polishing disc for 2-stage polishing process	85	10	Felt, 2-stage	B blister	5	10	8,15	81,50	106
1903080101	4013349718129	8	Polishing compound for colouring (finishing)	80	S6	Cloth 101	B blister	5	12	3,05	36,60	106
1203600000	4013349651884		Polishing set for metal, DIY, 2-stage polishing process	80	10	Set	B blister	2	5	13,00	65,00	107
1203600001	4013349651891		Acrylic polishing set	50 ml		Set	B blister	5	10	10,75	107,50	115
1st base 3 boxes												
3 assortment boxes, each with: 8 x large compound, 15 x small compound												
8103005333	4013349580559	4	Polishing compound for cutting and polishing	700 g	–	Compound, white	Foil	6	8	8,75	70,00	115
2103005333	4013349718624	4	Polishing compound for cutting and polishing	110g	–	Compound, white	Plastic bag	15	15	2,10	31,50	115
8103007012	4013349580573	5	Polishing compound for cutting and polishing	700 g	–	Compound, brown	Foil	6	8	11,40	91,20	115
2103007012	4013349718648	5	Polishing compound for cutting and polishing	110g	–	Compound, brown	Plastic bag	15	15	2,50	37,50	115
8103000462	4013349580566	6	Polishing compound for colouring	700 g	–	Compound, blue	Foil	6	8	8,90	71,20	115
2103000461	4013349718631	6	Polishing compound for colouring	110g	–	Compound, blue	Plastic bag	15	15	2,25	33,75	115
2nd base, loose products												
L699940320	4013349638816		High-gloss polish, Langsol 9070 Strong Cut	1000ml	–	Liquid polish	Bottle	6	6	21,05	126,30	116
L699740250	4013349798657		High-gloss polish, Langsol 8525 Cut	1000ml	–	Liquid polish	Bottle	6	6	21,05	126,30	116
L699940250	4013349638779		Langsol 9025 Complete	1000ml	–	Liquid polish	Bottle	6	6	21,05	126,30	116
L699740340	4013349638731		Langsol 8029 Final Finish	1000ml	–	Liquid polish	Bottle	6	6	21,05	126,30	116
L699940340	4013349798480		Special cream, Langsol 8090 Nano Polish	1000ml	–	Liquid polish	Bottle	6	6	40,65	243,90	116
L669002101	4013349638342		Unipol 2101D Dur Plastic Polish	1000ml	–	Liquid polish	Can	3	1	43,65	43,65	117
L669002102	4013349638359		Unipol 2102D Metal Polish	1000ml	–	Liquid polish	Can	3	1	35,40	35,40	117
L659002101	4013349638373		Unipol 2101T Dur Plastic Polish	50 ml	–	Liquid polish	Tube	24	24	8,35	200,40	117
											Total:	3.611,05
Wall elements												
9703000010	Basic wall 1,000 wide x 1,770 high x 500 deep, silver								1	408,00	408,00	
9703000050	Wall hooks, silver, 20 mm long								23	3,15	72,45	
9803000016	Osborn display header								1	28,30	28,30	
6095300198	Osborn tray assortment box								3	3,60	10,80	
6155360010	POS polishing and satinising flyer										0,00	



Order-No.	page	Order-No.	page	Order-No.	page	Order-No.	page	Order-No.	page
0001-100 016	85	0001-432 605	76	0002-502 542	48	0002-505 161	29	0002-509 143	37
0001-101 016	85	0001-432 611	76	0002-502 542	30	0002-505 162	29	0002-509 143	54
0001-101 036	85	0001-432 612	76	0002-503 132	47	0002-505 162	47	0002-509 144	54
0001-102 005	84	0001-432 613	76	0002-503 132	29	0002-505 163	47	0002-509 144	37
0001-102 006	84	0001-432 614	76	0002-503 141	29	0002-505 163	29	0002-509 162	37
0001-102 016	84	0001-432 615	76	0002-503 141	47	0002-505 332	48	0002-509 162	54
0001-102 095	84	0001-432 622	76	0002-503 142	29	0002-505 332	30	0002-509 163	54
0001-104 924	85	0001-432 623	76	0002-503 142	47	0002-505 341	30	0002-509 163	37
0001-104 925	85	0001-432 624	76	0002-503 143	29	0002-505 341	48	0002-509 164	37
0001-110 114	89	0001-432 625	76	0002-503 143	47	0002-505 342	48	0002-509 164	54
0001-120 097	88	0001-433 503	76	0002-503 331	48	0002-505 342	30	0002-509 165	55
0001-122 096	88	0001-433 513	76	0002-503 331	30	0002-505 343	30	0002-509 167	55
0001-122 596	88	0001-433 523	76	0002-503 332	30	0002-505 343	48	0002-509 192	37
0001-150 592	77	0002-056 011	141	0002-503 332	48	0002-505 361	48	0002-509 192	54
0001-150 593	77	0002-056 012	141	0002-503 333	48	0002-505 361	30	0002-509 193	37
0001-150 594	77	0002-056 013	141	0002-503 333	30	0002-505 362	48	0002-509 193	54
0001-150 595	77	0002-056 014	141	0002-503 341	30	0002-505 362	30	0002-509 194	54
0001-150 596	77	0002-056 015	141	0002-503 341	48	0002-505 363	48	0002-509 194	37
0001-151 022	77	0002-056 016	141	0002-503 342	30	0002-505 363	30	0002-509 342	54
0001-151 023	77	0002-056 017	141	0002-503 342	48	0002-505 542	30	0002-509 342	37
0001-151 024	77	0002-056 018	141	0002-503 343	30	0002-505 542	48	0002-509 343	37
0001-151 025	77	0002-056 311	141	0002-503 343	48	0002-506 132	47	0002-509 343	54
0001-151 125	77	0002-056 312	141	0002-503 542	30	0002-506 132	29	0002-509 344	54
0001-151 132	77	0002-056 333	141	0002-503 542	48	0002-506 141	29	0002-509 344	37
0001-151 133	77	0002-056 334	141	0002-504 132	47	0002-506 141	47	0002-509 348	70
0001-151 134	77	0002-056 335	141	0002-504 132	29	0002-506 142	29	0002-509 362	37
0001-151 135	77	0002-056 336	141	0002-504 141	29	0002-506 142	47	0002-509 362	54
0001-151 136	77	0002-056 337	141	0002-504 141	47	0002-506 143	47	0002-509 363	37
0001-151 332	77	0002-056 338	141	0002-504 142	29	0002-506 143	29	0002-509 363	54
0001-151 333	77	0002-501 132	47	0002-504 142	47	0002-506 161	29	0002-509 364	37
0001-151 334	77	0002-501 132	29	0002-504 143	47	0002-506 161	47	0002-509 364	54
0001-151 335	77	0002-501 142	47	0002-504 143	29	0002-506 162	47	0002-509 378	70
0001-151 392	77	0002-501 142	29	0002-504 161	29	0002-506 162	29	0002-509 448	70
0001-151 393	77	0002-501 143	47	0002-504 161	47	0002-506 163	47	0002-509 478	70
0001-151 394	77	0002-501 143	29	0002-504 162	47	0002-506 163	29	0002-509 498	70
0001-151 395	77	0002-501 332	48	0002-504 162	29	0002-506 332	30	0002-509 542	37
0001-152 022	77	0002-501 332	30	0002-504 163	47	0002-506 332	48	0002-509 542	54
0001-152 023	77	0002-501 333	48	0002-504 163	29	0002-506 341	30	0002-509 543	54
0001-152 024	77	0002-501 333	30	0002-504 332	48	0002-506 341	48	0002-509 543	37
0001-152 025	77	0002-501 342	48	0002-504 332	30	0002-506 342	48	0002-509 544	54
0001-152 131	77	0002-501 342	30	0002-504 341	48	0002-506 342	30	0002-509 544	37
0001-152 132	77	0002-501 343	30	0002-504 341	30	0002-506 343	48	0002-509 562	54
0001-152 133	77	0002-501 343	48	0002-504 342	30	0002-506 343	30	0002-509 562	37
0001-152 134	77	0002-501 542	48	0002-504 342	48	0002-506 361	48	0002-509 563	37
0001-152 135	77	0002-501 542	30	0002-504 343	30	0002-506 361	30	0002-509 563	54
0001-152 136	77	0002-502 132	47	0002-504 343	48	0002-506 362	48	0002-509 564	54
0001-152 332	77	0002-502 132	29	0002-504 361	30	0002-506 362	30	0002-509 564	37
0001-152 333	77	0002-502 141	29	0002-504 361	48	0002-506 363	30	0002-509 908	70
0001-152 334	77	0002-502 141	47	0002-504 362	48	0002-506 363	48	0002-509 928	70
0001-152 335	77	0002-502 142	29	0002-504 362	30	0002-506 542	48	0002-509 988	70
0001-158 522	77	0002-502 142	47	0002-504 363	48	0002-506 542	30	0002-511 141	62
0001-158 523	77	0002-502 143	29	0002-504 363	30	0002-507 142	47	0002-511 161	62
0001-158 524	77	0002-502 143	47	0002-504 542	48	0002-507 142	29	0002-511 341	62
0001-179 097	83	0002-502 332	48	0002-504 542	30	0002-507 162	47	0002-511 361	62
0001-179 297	83	0002-502 332	30	0002-505 132	47	0002-507 162	29	0002-512 161	26
0001-179 397	83	0002-502 333	30	0002-505 132	29	0002-507 342	30	0002-512 162	26
0001-181 134	78	0002-502 333	48	0002-505 141	47	0002-507 342	48	0002-512 342	26
0001-192 112	80	0002-502 341	48	0002-505 141	29	0002-507 362	30	0002-512 362	26
0001-192 113	80	0002-502 341	30	0002-505 142	47	0002-507 362	48	0002-522 141	62
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5411-401 913	21	8703-607 912	36	9828-036 311	143	9902-522 343	65	9902-554 362	65
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5462-664 153	61	8713-607 913	36	9828-036 316	143	9902-532 142	65	9902-554 461	65
5495-560 051	68	8733-607 912	36	9828-036 318	143	9902-532 162	65	9902-554 471	65
5495-560 052	68	8736-030 305	53	9828-036 320	143	9902-532 163	65	9902-554 491	65
5495-560 054	68	8743-607 912	36	9828-036 322	143	9902-532 342	65	9902-565 142	66
5495-560 080	68	8753-607 912	36	9828-036 325	143	9902-532 343	65	9902-565 143	66
5495-560 082	68	9301-614 916	25	9828-036 327	143	9902-532 362	65	9902-565 162	66
5652-613 142	23	9311-614 916	25	9828-036 328	143	9902-532 363	65	9902-565 163	66
5652-613 162	23	9321-614 916	25	9828-036 330	143	9902-543 142	66	9902-565 342	66
5702-509 938	70	9331-614 916	25	9828-036 332	143	9902-543 143	66	9902-565 343	66
6152-631 131	17	9502-626 251	17	9828-036 335	143	9902-543 162	66	9902-565 362	66
6616-030 305	53	9502-626 301	17	9828-036 338	143	9902-543 163	66	9902-565 542	66
7601-306 095	83	9502-626 311	17	9828-036 341	143	9902-543 342	66	9902-565 562	66
7702-921 875	20	9502-626 501	17	9828-036 345	143	9902-543 343	66	9902-566 142	65
8103-000 462	117	9502-626 651	17	9828-036 348	143	9902-543 362	66	9902-566 143	65
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8106-030 312	53	9802-026 560	62	9828-036 360	143	9902-543 562	66	9902-566 173	65
8203-100 914	105	9802-026 561	62	9828-036 364	143	9902-543 563	66	9902-566 192	65
8203-100 925	105	9802-026 562	62	9886-026 039	18	9902-544 142	65	9902-566 193	65
8203-100 934	108	9802-026 563	62	9886-026 051	18	9902-544 143	65	9902-566 341	65
8203-100 936	108	9802-026 581	62	9902-511 142	65	9902-544 162	65	9902-566 342	65
8203-100 944	105	9802-026 582	62	9902-511 162	65	9902-544 163	65	9902-566 343	65
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8203-200 925	113	9818-036 312	143	9902-515 050	69	9902-544 471	65	9902-575 562	66
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8603-505 911	34	9818-036 328	143	9902-515 062	69	9902-553 362	66	9902-576 193	65
8603-506 911	34	9818-036 330	143	9902-515 063	69	9902-553 363	66	9902-576 342	65
8603-507 911	34	9818-036 332	143	9902-515 064	69	9902-553 542	66	9902-576 343	65
8603-600 004	109	9818-036 335	143	9902-515 065	69	9902-553 562	66	9902-576 362	65
8603-600 010	106	9818-036 338	143	9902-515 069	69	9902-554 142	65	9902-576 363	65
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8613-505 911	34	9818-036 348	143	9902-515 080	69	9902-554 163	65	9902-586 142	66

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E-mail: service@osborn.de

Simply tick the desired information material and order by fax or e-mail.

If you are interested in finding out about other Osborn products, you just need to tick those catalogues in the following list and send it to the above fax number, or scan it and send it by e-mail. We will post the catalogue(s) to you in a few days.

You can also download these catalogues from our Internet site.

<p><input type="checkbox"/></p> <p>Brushes for weld seam cleaning</p> <p>Brushes for the pipeline industry: for cleaning the inside and outside of piles, edge preparation, removal of insulating coatings, rehabilitation and weld seam finishing.</p> <p><input type="checkbox"/></p> <p>OSBORN - TOP</p> <p>Machine brushes - the special range for the highest demands from industry.</p> <p><input type="checkbox"/></p> <p>Stripping and sealing brushes</p> <p>An individual and tailor-made sealing and stripping brush range offering clever solutions for every application.</p> <p><input type="checkbox"/></p> <p>Roller brushes</p> <p>Roller brushes for cleaning and fine grinding, roughing and decoating, transporting and sorting, deburring and descaling.</p>	<p><input type="checkbox"/></p> <p>Punched brushes</p> <p>Roller brushes, disc brushes, wheel brushes and special designs for cleaning, deburring, transporting, sorting, washing, guiding, structuring.</p> <p><input type="checkbox"/></p> <p>ATB disc brushes with abrasive bristles</p> <p>These brushes are characterised by their 4x higher trim density than disc brushes manufactured using the traditional (stamped) technique.</p> <p><input type="checkbox"/></p> <p>Novofil</p> <p>Abrasive nylon brushes with top-grade abrasive such as diamond, zircon, aluminium oxide and silicon carbide. In different grits and filament geometries.</p> <p><input type="checkbox"/></p> <p>Non-woven rollers</p> <p>The economical alternative to standard rubber, PUR and felt rollers. The chemical resistance of our non-woven materials is matched to each application by an optimal combination of fibres and binders.</p>	<p><input type="checkbox"/></p> <p>Miniature brushes</p> <p>Flexible brushes with high finishing efficiency and tiny bores.</p> <p><input type="checkbox"/></p> <p>Novoflex-B</p> <p>Self-centring honing tools for a gentle grinding process.</p> <p><input type="checkbox"/></p> <p>Snow Protec</p> <p>Snow protection system – these brushes provide effective protection from snow build-up and also contribute to the heat retention of preheated points on rails.</p> <p><input type="checkbox"/></p> <p>Loadrunner</p> <p>Load-bearing rollers and heavy-load roller guides</p> <p><input type="checkbox"/></p> <p>Lippert-Unipol product overview</p> <p>Polishing tools, plus liquid and solid polishing compounds and emulsions.</p> <p><input type="checkbox"/></p> <p>Road rings</p> <p>Sweeping rings and equipment for street-sweeping machines.</p>
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Name: _____

Company: _____

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Postcode, location: _____

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Company stamp



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Version: November 2012

IMPORTANT ICONS & PICTOGRAMS AT A GLANCE

General terms and conditions of payment and supply inland

(April 2012)

Applicability

1. These conditions of sale apply to business owners, legal entities under public law and separate funds under public law. Our deliveries and services are provided exclusively on the basis of the conditions below. Unless expressly acknowledged by us, the business terms and conditions of the partner have no validity.

General provisions

2. Verbal agreements will be confirmed by the contracting parties in detail and without delay. 3. Orders will become binding upon issuance of our order confirmation. 4. The information and illustrations contained in brochures and catalogues are approximations usual in the industry unless we have expressly stated they are binding. 5. The packaging units specified in the catalogue and in our quotations and order confirmations are the smallest possible and for rationalisation reasons cannot be broken down further. If orders are places for different numbers of pieces, the closest packaging unit will be supplied.

Long-term and call contracts, price adjustment

6. Contracts of indefinite duration may be terminated at 3 months' notice. 7. In the case of long-term contracts (contracts for more than 6 months and contracts of indefinite duration), if there is a significant change in wage, material or energy costs, each contracting party shall be entitled to request an appropriate change in the price in view of these factors. 8. If a binding order quantity is not agreed, our calculation will be based on the non-binding order quantity (target quantity) expected by the partner for a specific period. If the partner requires less than the target quantity, we will be entitled to increase the unit price appropriately. 9. In the case of call supply contracts, unless otherwise agreed, we are to be advised of binding quantities per call at least 6 weeks before the delivery date. Additional costs incurred as a result of a late call or subsequent changes to the call by our partner in relation to time or quantity will be its own expense; our calculation will be the criterion here.

Confidentiality

10. Each contracting party shall use all documents (including samples, models and data) and information obtained under the business relationship only for mutually shared purposes and shall keep them confidential in respect of third parties with the same care as would be exercised towards its own documents and information where the other contracting party has identified them as confidential or has an obvious interest in keeping them confidential. This obligation will start upon the initial receipt of the documents or information and will end 36 months after the termination of the business relationship. 11. This obligation does not apply to documents and information which are generally known or were already known upon their receipt by the contracting party and involve no obligation of confidentiality, or which are subsequently forwarded to third parties authorised to pass them on or which are developed by the receiving contracting party without being identified by the other contracting party as documents or information requiring confidentiality.

Drawings and specifications

12. If one contracting party provides the other with drawings or technical documentation about the goods to be supplied or their manufacture, these remain the property of the party providing them.

Samples and production materials

13. Unless otherwise agreed, the manufacturing costs for samples and production materials (tools, moulds, templates, etc.) will be invoiced separately from the goods to be supplied. This also applies to production materials which have to be replaced as a result of wear. 14. The costs for the maintenance and proper storage, as well as the risk of damage or destruction of production material, will be borne by us. 15. Where the partner terminates the collaboration during the preparation time for samples or production materials, it will bear all production costs arising until that time. 16. Even if the partner has paid for it, the production material shall remain our property at least until the supply contract has been completed. After that, the partner shall be entitled to reclaim the production material where an agreement has been reached on the timing of the return and the partner has fulfilled all its contractual obligations. 17. We will store the production material without charge for three years after the final delivery to our partner. We will then ask our partner in writing for instructions within 6 weeks on its further use. Our obligation to store the equipment will end if no instructions are received within these 6 weeks or no further order is placed. 18. Customers' production material may only be used for deliveries to third parties with the prior written agreement of our partner.

Prices

19. Our prices are in euros, excluding VAT, packaging, freight, carriage and insurance.

Conditions of payment

20. All invoices become due for payment within 30 days of the invoice date. 21. Where we have clearly supplied defective goods, our partner shall still be obliged to pay for the non-defective quantity. Otherwise, the partner may only offset payment against legally established or uncontested counterclaims. 22. If the payment terms are not met, we shall be entitled to claim default interest on the amount in the invoice at the rate which the bank charges us for account overdraft facilities, said amount being at least 8 percentage points above the base rate of the European Central Bank. 23. In the event of a delay in payment, we may, after written notification to the partner, suspend fulfilment of our obligations until payment is received. 24. Bills of exchange and cheques will only be accepted by agreement, conditional upon fulfilment and on condition of their being discountable. Discount charges will be calculated from the day the invoice amount becomes due. An assurance of the prompt provision of a bill of exchange and cheque, and for the investigation of a protest of a bill of exchange is excluded. 25. Where it becomes apparent after conclusion of the contract that our claim for payment is at risk because of the partner's inability to pay, we may decline to provide the service and set the partner a reasonable deadline by which to make payment or provide security concurrently with delivery. Where the partner declines to do so or the deadline passes without a successful conclusion, we shall be entitled to withdraw from the contract and to demand damages.

Delivery

26. Valid for catalogue articles printed in bold letters: The minimum order value per article for each customer order is 75 € net. (The number of items ordered times 75 € equals the minimum order value.) If the minimum order value of 75 € is not reached, there will be surcharge of 14 € for each affected article. Valid for catalogue orders not printed in bold letters: The minimum order value per article is at least 300 € net. 27. Compliance with the delivery date or deadline will be based on our confirmation of readiness for despatch or collection. The delivery deadline shall start when we send our order confirmation and shall be extended appropriately where the provisions of article 55 apply. 28. Partial deliveries shall be permitted to a reasonable extent. They will be invoiced separately. 29. Production-related over- or under-deliveries shall be permitted within a tolerance of +/- 15% of the total order quantity. The total price will be adjusted accordingly.

Despatch and transfer of risk

30. Goods advised as being ready for despatch must be accepted by the partner without delay. Otherwise, we shall be entitled at our option to despatch them or to store them at the cost and risk of the partner. 31. In the absence of a separate agreement, we will select the transport method and route. 32. The risk shall transfer to the partner upon handover to the railway, forwarding agent or freight carrier, and/or on commencement of storage, but at the latest when the goods leave the factory or storage facility, even if we have arranged the delivery.

Delay in delivery

33. Where we can foresee that the goods cannot be delivered by the deadline, we will inform the partner of this immediately and in writing, explaining the reasons and where possible nominating the probably delivery date if the planned delivery date will be delayed by more than 10 working days. 34. In the event of the delivery being delayed by one of the circumstances outlined in Article 55 or by an action or omission by the partner, the delivery deadline will be extended in accordance with the circumstances. 35. The partner shall only be entitled to withdraw from the contract if we are responsible for the delivery date not being met and it has granted us an extension without success.

Reservation of title

36. We will retain ownership of the goods supplied until all claims under the business relationship with the partner have been met. 37. The partner shall be entitled to sell these goods in the normal course of business so long as it has fulfilled its obligations with us under the business relationship in good time. However, it may neither pledge nor transfer the reserved goods as security. It shall be obliged to protect our rights where the reserved goods are resold on credit. 38. In the event of breaches of duty by the partner, especially a delay in payment, we shall be entitled at the unsuccessful conclusion of a reasonable delay granted to the partner, to withdraw the service and take back the goods, the legal provisions governing dispensing with an extension of time remain unaffected. The partner shall be obliged to return the goods. We shall be entitled to withdraw from the contract if an application is filed for insolvency proceedings against the partner's assets. 39. The partner shall then assign to us as security all claims and rights deriving from the sale or leasing of goods for which we may have given the partner permission of goods over which we have the right of ownership. We hereby accept the assignment. 40. Any working or processing of reserved goods by the partner shall be on our behalf. If the reserved goods are processed or inseparably mixed with other items not owned by us, we shall acquire joint ownership of the new product in the proportion of the invoice value of the reserved goods to the other processed or mixed items at the time of their processing or mixing. If our goods are combined or inseparably mixed with other moveable items to form a single product and if the other product is deemed to be the principal product, the partner shall transfer ownership to us on a pro rata basis to the extent that it owns the principal product. The partner shall maintain ownership or part ownership on our behalf. In all other respects, the same shall apply to the product created by processing or combining or mixing as for the reserved goods. 41. The partner must inform us immediately of enforcement measures taken by third parties in respect of the reserved goods to which we lay claim or in which we have other securities by providing us with the documents required for an intervention. This also applies to infringements of any other kind. 42. If the value of the existing securities exceeds the secured claims by a total of more than 20 percent, we shall be obliged at the partner's request to release securities of our choice.

Material defects

43. The quality of the goods shall be based exclusively on the agreed technical supply specifications. In the event of our having to supply in accordance with the drawings, specifications, samples, etc. of our partner, it shall assume the risk of suitability for intended use. The condition of the contracted goods shall be that at the time the risk is transferred in accordance with Article 31. 44. Any material defects arising from unsuitable or improper use, incorrect assembly or operation by the partner or third parties, normal wear and tear, defective or negligent handling shall also be excluded as in the case of unsuitable modifications or operation undertaken by the partner or third parties without our approval. The same shall apply to defects which reduce the value or fitness for use of the goods to a minor extent. 45. Claims for material defects shall be statute-barred after 12 months. This shall not apply where the law prescribes longer periods of time as mandatory. 46. Where it is agreed that the goods are to be accepted or initial samples tested, the notification of defects which the partner could have identified upon careful acceptance or initial sample testing are excluded. 47. We must be given an opportunity to confirm the notified defect. Goods complained of must be returned to us immediately upon request; we shall bear the transport costs where the notice of defect is justified. Where the partner does not fulfil these obligations or undertakes modifications without our permission to goods which are the subject of complaint, it shall forfeit any claims for material defects. 48. Where the notice of defect is justified and advised in good time, we shall, at our choice, improve the goods complained of or supply defect-free replacements. 49. If we fail to meet these obligations or to do so within the contractually agreed reasonable time, the partner may set us a final deadline by which we must meet our obligations. If this deadline passes without successful result, the partner may require a reduction in price, withdraw from the contract or undertake the necessary improvement itself or have it done by third parties at our expense and risk. The reimbursement of costs shall be excluded where the expenses are increased because the goods have been brought to another place after delivery by us unless this involved the goods being used as intended. 50. The partner shall have statutory rights of recourse against us only insofar as it has not reached agreements with its customer, which go beyond the statutory claims for defects. Article 48 above shall further apply to the extent of the rights of recourse.

Other claims, liability

51. Unless otherwise specified below, other and more extensive claims against us by the partner are excluded. This applies especially to claims for damages for breach of duties arising from the obligation or from unlawful acts. We shall not be liable for damage not deriving from the supplied goods themselves. We shall in particular not be responsible for any loss of profit or financial losses by the partner. 52. The limitations of liability indicated do not apply in the case of specific intent, gross negligence on the part of our legal representatives or senior employees, and in the event of culpable violation of significant contractual obligations. In the event of culpable violation of significant contractual obligations, we shall be liable - other than in cases of specific intent or gross negligence on the part of our legal representatives or senior employees - only for standard contractual loss or loss which might reasonably have been expected. 53. The limitation of liability does also not apply in cases where there is liability in accordance with product liability laws covering defects in goods supplied for personal use or material damage to goods intended for private use. It is also not applicable in case of injury to life, body or health and in the absence of guaranteed properties if and in so far as the object of the guarantee was to cover the partner against any losses not deriving from the supplied goods themselves. 54. Insofar as our liability is excluded or limited, this also applies to the personal liability of our employees, contractors, personnel, legal representatives and vicarious agents. 55. The legal provisions relating to burden of proof are not affected by this.

Force majeure

56. Acts of God, industrial disputes, disturbances, official measures, non-arrival of deliveries from our suppliers and other unforeseeable, unavoidable and serious events shall release the contracting parties from their duty to perform for the duration of the disturbance and the extent of its effect. This also applies where these events occur at a time when the contracting party in question is in default, unless the delay is the result of deliberate intention or gross negligence. The contracting parties shall be obliged, so far as is reasonable, to provide the necessary information immediately and in good faith to adjust their obligations to accommodate the changed circumstances.

Place of performance, jurisdiction and applicable law

57. Unless otherwise indicated in the order confirmation, the place of performance is our principal place of business. 58. The place of jurisdiction for all legal disputes, including bills of exchange and cheque procedures, is also our principal place of business. We are also entitled to bring an action at the place of business of the partner. 59. The contractual relationship is governed exclusively by the laws of the Federal Republic of Germany. Application of the United Nations Convention on Contracts for the International Sale of Goods of 11 April 1980 (CISG - "Vienna Sales Convention") is excluded.



Osborn worldwide:

Brazil	Germany	Portugal	Sweden
China	Great Britain	Romania	Taiwan
Denmark	India	Singapore	USA
France	Mexico	Spain	

All data according to information at time of printing. Changes and errors excepted.
Prices valid from Jan 15th, 2013.

Item no. 6255322026/02-2013

Angle grinder	Trim materials:
Power drill	<ul style="list-style-type: none"> ■ Steel wire, knotted ■ Steel wire, crimped/flat ■ Steel wire, stainless ■ Brass wire ■ Abrasive bristle ■ Nylon ■ Natural bristle
High-speed machine	Product illustration captions:
Stationary machine	<ul style="list-style-type: none"> Ø = diameter (brush) A = operating width A = keyway width (axle disc) T = trim length L = length K = body width B = bore (machines) B = width (hand brushes) G = thread F = chuck capacity C = keyway height S = shank diameter R = tube W = workpiece diameter
Hand brush	Symbols:
	<ul style="list-style-type: none"> bore thread Max. rotation Pcs. RRP

Products with this label are TÜV-certified.

➔ for more information, see pp. 4/5

Angle polisher and satiniser	Polishing process key
Angle grinder and power drill	<ul style="list-style-type: none"> 1 = Sisal cloth 2 = Notiflex (NTF) 914 3 = Notiflex (NTF) 925 4 = Compound, white 5 = Compound, brown 6 = Compound, blue 7 = Felt, 2-stage 8 = Cloth 101 9 = Cloth 290 10 = Felt, 3-stage
Stationary machine	
Polishes and compounds	

Angle grinder	
Power drill and high-speed machine	
Satiniser	
Internal finishing	
Information & concepts for dealers	