

**2014/2015
Power Tools +
Accessories**

**KELVIN
POWER TOOLS**

Professional Tools For Professional Users

metabo®

PROFESSIONAL POWER TOOL SOLUTIONS

Fleece Compact Discs »Unitized« - VKS



- Made of compacted fleece material on a fibreglass disc
- For cleaning and polishing surfaces, for smoothing weld seams; reduces the number of working stages required
- For alloy and high-alloy steels, coloured and light metals, chrome and nickle steels, titanium, steels

Diameter x thickness x bore hole mm	Grit	Sales unit	Order no.
150 x 3 x 25.4	Medium	1	6.26400*
150 x 6 x 25.4	Very fine	1	6.26401*
150 x 6 x 25.4	Medium	1	6.26402*






Felt Disc



- For polishing stainless steel and non-ferrous metals, always in conjunction with a polishing paste.

Diameter x thickness x bore hole mm	Grit	Sales unit	Order no.
150 x 5 x 25.4	Soft	1	6.26395*

Additional accessories for fillet weld grinders

	Order no.
 <p>Profiling File, including 2 sanding paper strips P24 ■ For pre-profiling of »Unitized« fleece compact discs</p>	6.26396*
 <p>Sanding paper strips Dimensions: 30 x 190 mm Grit: P 24 Sales unit: 25</p>	6.26397
 <p>Vienna lime ■ For cleaning, caring and polishing of smooth surfaces, especially stainless steel, silver, brass, glass, ceramics etc. ■ Contents: 300 g, shaker</p>	6.26399
 <p>3 Micro-fibre Cloths 380 x 380 mm ■ For cleaning and evenly distributing protective media and polishes, for removing pastes and cream residue ■ Suitable for all metals and hard plastics</p>	6.26398*
 <p>Spray for stainless steel care 400 ml ■ For cleaning, conserving and sealing of surfaces, especially of stainless steels.</p>	6.26377

* Self-service packaging



Technical Data

	Burnishing Machine SE 12-115 Set	Burnishing Machine SE 12-115
Rated input power	1,200 W	1,200 W
Output power	720 W	720 W
No-load speed	900 - 2,800 /min	900 - 2,800 /min
Spindle thread	M 14	M 14
Grinding media diameter	100 - 200 mm	100 - 200 mm
Grinding media width	50 - 100 mm	50 - 100 mm
Weight without mains cable	3 kg	3 kg
Cable length	4 m	4 m

Scope of delivery

Order no.	6.02115.50 ¹⁾	6.02115.51 ²⁾
Side handle	■	■
3 Spacer Rings for narrow rollers	■	
1 Expansion Roller (Ø90x100mm)	■	
3 Sanding Belts (Ø90x100mm; P80)	■	
1 Nylon Web Grinding Wheel (Ø105x100mm; P280)	■	
1 Lamellar Grinding Wheel (Ø105x100mm; P80)	■	
1 Lamellar / Nylon-web Grinding Wheel (Ø105x50mm; P180)	■	
Sheet Steel Carry Case	■	■

¹⁾ also available in 120 V (North/Latin America)
²⁾ also available in 110 V (UK)

Product advantages

- Powerful burnishing machine with double reduction gearing for polishing, burnishing, brushing and high-gloss polishing of e.g. stainless steel
- Metabo Maraton motor with patented dust protection for long service life
- Vario-Tacho-Constamatic (VTC)-Full Wave Electronics with thumbwheel: for working with customised speeds for the materials used that remain almost constant under load
- Spindle lock and quick-adjusting nut for quick roller change without tools
- Smooth-running, form-fit arbor for a uniform finish
- Overload protection: protects the motor from overheating
- Electronic soft start for smooth startup
- No-volt release switch: prevents unintentional startup after power cut
- Auto-stop carbon brushes to protect the motor

System components

165 → Accessories

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Technical Data	Cordless Burnishing Machine S 18 LTX 115 Set	Cordless Burnishing Machine S 18 LTX 115
Battery pack type	Li-Ion	Li-Ion
Battery pack voltage	18 V	18 V
No-load speed	3,000 /min	3,000 /min
Spindle thread	M 14	M 14
Grinding media diameter	100 - 200 mm	100 - 200 mm
Grinding media width	50 - 100 mm	50 - 100 mm
Weight (with battery pack)	3.1 kg	3.1 kg

Scope of delivery	6.00154.88 ¹⁾	6.00154.85 ¹⁾
Order no.		
Side Handle	■	■
Dust Filter	■	■
3 Spacer Rings for narrow rollers	■	
1 Lamellar/ Nylon Web Grinding Wheel (Ø105x100 mm; P60)	■	
1 Lamellar/ Nylon Web Grinding Wheel (Ø105x100 mm; P80)	■	
1 Lamellar/ Nylon Web Grinding Wheel (Ø105x100 mm; P180)	■	
Single-ended spanner	■	■
Hexagonal Wrench		■
2 Li-Power Battery Packs (18 V/5.2 Ah)	■	
»AIR COOLED« Quick Charger ASC 30	■	
Sheet Steel Carry Case	■	
without battery pack, without charger		■



Equipment variants can be found in the Metabo price list and on the internet
¹⁾ also available in 120 V (North/Latin America)

- Product advantages**
- Compact cordless burnishing machine for grinding, burnishing, brushing and high-gloss polishing of e.g. stainless steel
 - Robust motor for long service life
 - Spindle lock and quick-adjusting nut for quick roller change without tools
 - Bracket for side handle with different mounting points; adjustable without tools
 - Smooth-running, form-fit roller arbor for a uniform finish
 - Battery pack can be swivelled for better working in hard to reach places.
 - Detachable dust filter protects motor from coarse particles
 - Overload protection: protects the motor from overheating
 - Electronic soft start for smooth startup
 - No-volt release switch: prevents unintentional startup after power cut
 - Battery packs with capacity display for checking the charge status

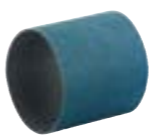
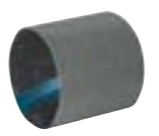
System components

- 165 → Accessories
- 66 → Battery packs

Expansion Rollers

		Order no.
	Expansion Roller ■ For using grinding belts and abrasive sleeves. The grinding belts/ abrasive sleeves are pushed over the roller and clamped securely by centrifugal force Diameter: 90 mm Width: 100 mm	6.23470
	Inflatable Expansion Roller ■ For using grinding belts and abrasive sleeves. The grinding belts/ abrasive sleeves are pushed over the roller. The air volume in the roller is adjusted individually. ■ Ideal for easy processing of contours Diameter: 90 mm Width: 100 mm	6.23542

Sanding Belts 90x100 mm

	Diameter mm	Width mm	Grit	Sales unit	Order no.
					
			Sanding belts with zirconia alumina 90x100 mm		
			■ Material: zirconia alumina for grit P 40, 60, 80/ aluminium oxide for grit P 120, 220		
			■ Suitable for all metals and even stainless steel		
			■ For removing scratches and smoothing weld seams		
			■ Only in combination with the expansion roller 6.23470		
	90	100	P 40	10	6.23512
	90	100	P 60	10	6.23473
	90	100	P 80	10	6.23474
	90	100	P 120	10	6.23475
	90	100	P 220	10	6.23476
					
			»Metabo Pyramid« Sanding Belts 90x100 mm		
			■ For all metal uses, particularly suited to the processing of rust-free steel/stainless steel		
			■ 3-dimensional structure of the grinding media (pyramid-shaped). High removal of material with, at the same time, a very even and fine grinding result for the entire lifetime of the product.		
			■ Quick progress; considerably reduces working stages compared to traditional grinding methods.		
	90	100	P 120 (A 160)	5	6.26405*
	90	100	P 280 (A 65)	5	6.26406*
	90	100	P 400 (A 45)	5	6.26407*
	90	100	P 600 (A 30)	5	6.26408*
	90	100	P 1200 (A 16)	5	6.26409*
	90	100	P 2000 (A6)	5	6.26410*

Nylon Web Abrasive Sleeves

					
			■ For removing scratches and oxide layers, tarnishing, glazing, deburring and fine grinding		
			■ Only in combination with the expansion roller		
Diameter mm	Width mm	Version	Sales unit	Order no.	
90	100	Coarse	2	6.23519	
90	100	Medium	2	6.23495	
90	100	Fine	2	6.23496	

* Self-service packaging

Flap Grinding Discs



- For removing rust, oxide layers, scratches
- For texturing and glazing metal

Diameter mm	Width mm	Grit	Sales unit	Order no.
105	100	P 40	1	6.23477
105	100	P 60	1	6.23513
105	100	P 80	1	6.23479
105	100	P 120	1	6.23480
105	100	P 180	1	6.23481
105	100	P 240	1	6.23482

Flap/nylon Web Grinding Discs



- Pink aluminium oxide grinding flaps combined with grain-coated nylon web
- For tarnishing, glazing and removing scratches on metal
- Removing old paint and smoothing wood materials

Diameter mm	Width mm	Grit	Sales unit	Order no.
105	100	P 60	1	6.23483
105	100	P 80	1	6.23484
105	100	P 180	1	6.23485
105	50	P 60	1	6.23526
105	50	P 80	1	6.23527
105	50	P 180	1	6.23528

Nylon Web Grinding Wheels



- Elastic grain-coated nylon web for shadow-free tarnishing, glazing and polishing of special steel and non-ferrous metals
- For use on wood to smooth surfaces

Diameter mm	Width mm	Grit	Sales unit	Order no.
105	100	P 60	1	6.23486
105	100	P 80	1	6.23487
105	100	P 180	1	6.23488
105	100	P 280	1	6.23514
105	50	P 60	1	6.23515
105	50	P 80	1	6.23516
105	50	P 180	1	6.23517
105	50	P 280	1	6.23518
115	100	P 400	1	6.23468
115	100	P 600	1	6.23469
115	100	P 900	1	6.23494

Corrugated fleece sanding/grinding cylinder



- For transition-free matt and burnished finishes on stainless steel surfaces and non-ferrous metals
- For removing minor scratches and for cleaning surfaces
- Elastic nylon fleece containing grit with a corrugated arrangement on the core

Diameter mm	Width mm	Grit	Sales unit	Order no.
100	100	P 180	1	6.23567

Hard Nylon Web Grinding Wheel



- For cleaning and descaling weld seams
- Removing rust, oxide layers and paint
- Strong longitudinal grinding of stainless steel

Diameter mm	Width mm	Grit	Sales unit	Order no.
110	100	P 46	1	6.23525

Rubber Grinding Wheels



- Rubber mix with silicone carbide abrasive grains
- For removing small scratches. For bright shining, decorative longitudinal grinding of stainless steel and non-ferrous metals

Diameter mm	Width mm	Grit	Sales unit	Order no.
105	100	P 60	1	6.23510
105	100	P 180	1	6.23499

Polishing Rings



Sisal Polishing Rings

- For pre-polishing steel and stainless steel in conjunction with the white polishing paste 6.23520

Diameter: 100 mm
Width: 15 mm
Type: impregnated
Sales unit: 5



Nylon Web Polishing Rings

- For pre-polishing non-ferrous steel in conjunction with the brown polishing paste 6.23522

Diameter: 100 mm
Width: 10 mm
Type: hard
Sales Unit: 8







Nylon Web Polishing Rings


- For high-gloss polishing of all metals in conjunction with the blue polishing paste 6.23524


Diameter: 100 mm
Width: 10 mm
Type: soft
Sales Unit: 8


* Self-service packaging


Polishing Pastes		Order no.
	Polishing paste, white ■ For pre-polishing and polishing stainless steel Weight 250 g	6.23520
	Polishing paste, brown ■ For pre-polishing and polishing non-ferrous metals Weight 250 g	6.23522
	Polishing paste, blue ■ For high-gloss polishing of all metals Weight 250 g	6.23524


Steel-wire Wheel Brushes				
■ For derusting, deburring and cleaning metal ■ For brushing out soft annual rings on wood				
	Diameter mm	Width mm	Wire thickness mm	Order no.
	100	70	0.27	6.23501


Steel-wire wheel brushes, Inox				
■ With stainless wire. For cleaning weld seams, deburring, derusting, roughening				
	Diameter mm	Width mm	Wire thickness mm	Order no.
	100	70	0.20	6.23503


Plastic Wheel Brushes				
■ Elastic, grain-coated wheel brush for roughening and deburring metal ■ For rustic effects on wood				
	Diameter mm	Width mm	Order no.	
	100	70	6.23505	

Fibre Wheel Brush			
■ For use on all wood materials. For polishing etched wood materials ■ For producing a dull finish. Dust removal and cleaning			
	Diameter mm	Width mm	Order no.
	100	100	6.23506

Sanding Belt Roll			
	Sanding Belt Roll ■ With corrugated surface for non-slip work with grinding belts, nylon web and felt band		Order no.
	Diameter: 85 mm Width: 70 mm		6.23529

Adhesive Tape			
	Adhesive Tape ■ For rejoining sanding belts 6.23532, 6.23533, 6.23534, 6.23535		Order no.
			6.23530

Nylon Web Bands				
■ For fine grinding or polishing, also on "closed" pipe constructions ■ Reclosable by "buttonhole closure" ■ Only in combination with the sanding belt roll 6.23529				
	Length mm	Width mm	Version	Sales unit
	660	30	Coarse	3
	660	30	Medium	3
	660	30	Fine	3
	660	30	Extra fine	3
				Order no.
				6.23536
				6.23537
				6.23538
				6.23539

Felt Band			
	Felt Band ■ For polishing work, also on "closed" pipe constructions ■ Can be used on both sides ■ Reclosable by "buttonhole closure" ■ Only in combination with the sanding belt roll 6.23529		Order no.
	Length: 600 mm Width: 30 mm Sales Unit: 1		6.23541

metabo®

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