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Cordless basic motor TRINOXFLEX 18,0 V

BME 18.0-EC/5.0 Set

Order number 504.505

Cordless basic motor TRINOXFLEX 18,0 V

+ Electronic management system (EMS) protects the machine, extends the service life, and increases efficiency
+ Brushless motor with greater efficiency and a longer service life
+ Microprocessor control: speed selection, tachogenerator constant speed control, soft start, restart protection after power failure, overload protection and temperature monitoring
+ Unique tool attachment with quick coupling for tool-free change of the four system attachments for satin finishing and pipe belt grinding, for grinding with a belt file or fillet weld grinder
+ Toolless attachment changing via a patented quick-change system
+ Perfect dust protection thanks to removable protective metal grille
+ LED battery capacity display
+ Spindle lock
+ FLEX battery system: suitable for all FLEX 18,0 V battery packs

Technical attributes	
Battery voltage	18 V
Battery capacity	2,5 / 5,0 Ah
Max. tool Ø	125 mm
Tool width	50 mm
Tool fixture	Quick-fit coupling
No load speed	1700 / 2390 / 3080 / 3760 rpm
Weight without battery	1,7 kg

Standard equipment	
2 batteries 5.0 Ah AP 18.0/5.0	445.894
1 charger CA 10.8/18.0	417.882
1 carrying case L-BOXX® 238	414.093
1 case insert TKE BF140, BR50, BS50, LK152	502.812
1 case insert	502.804

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Accessories

Sanding attachment, burnishing

Order number 459.577

Technical attributes	
Width	50 mm
QTY/PKG	1

Sanding attachment with integrated grip hood for burnishing. For the TRINOXFLEX. Tool-free fitting via the quick-change system.

Sanding attachment, pipe belt

Order number 459.585

Technical attributes	
QTY/PKG	1

Sanding attachment for pipe belt sanding. For the TRINOXFLEX. Tool-free fitting via the quick-change system. Variably adjustable attachment. With sanding belt set ZIRCOFLEX 9 mm.

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Accessories

Interchangeable roller set

Order number 459.615

Technical attributes	
QTY/PKG	1

Replacement roller set for BR 50 for 4-9 mm wide belts.

Interchangeable roller set

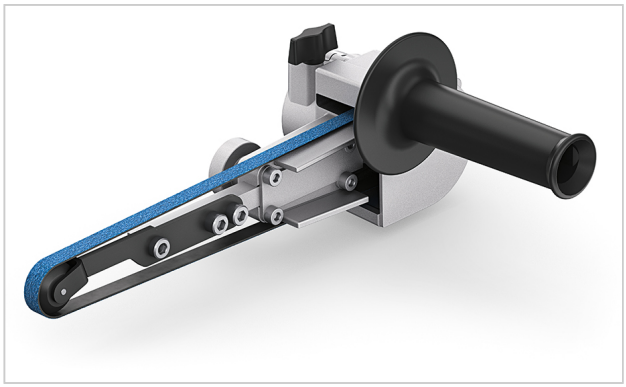
Order number 459.607

Technical attributes	
QTY/PKG	1

Replacement roller set for BR 50 for belts 30 mm wide.

Sanding attachment, belt file

Order number 459.593



Technical attributes	
QTY/PKG	1

Sanding attachment belt file for TRINOXFLEX. Tool-free fitting via quick-change system. Includes 9 and 30 mm sanding arms, side handle. With

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sanding belt set ZIRCOFLEX 9 mm.

Fillet weld grinding attachment

Order number 503.762

Technical attributes	
QTY/PKG	1

Fillet weld grinding attachment for the TRINOXFLEX. Tool-free fitting via quick-change system.

Compact grinding disc

Technical attributes			
Dimensions in mm	Grit	QTY/PKG	Order number
152 x 3 x 25	soft	1	313.416
152 x 3 x 25	hard	1	313.424
152 x 6 x 25	soft	1	313.432
152 x 6 x 25	hard	1	313.440

Professional sanding discs: hot-compressed compact fillet discs for stainless steel, metal, and other materials in 2 different thicknesses and hardnesses: the hard sanding disc is used for grinding, the soft one for polishing.

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Accessories

Profiling stone

Order number 315.494

Technical attributes	
QTY/PKG	1

For pre-profiling the compressed sanding discs.

Li-Ion rechargeable battery pack 18,0 V

Order number 445.886

Technical attributes	
Battery capacity	2,5 Ah
Battery voltage	18,0 V
Weight	0,42 kg
QTY/PKG	1

Battery pack Li ion 18.0 V with integrated charge and discharge protection, battery charge indicator, dust and splash protection. Electronic management system (EMS) protects the battery pack, extends the service life, and increases efficiency.

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Accessories

Li-Ion rechargeable battery pack 18,0 V

Order number 445.894

Technical attributes	
Battery capacity	5,0 Ah
Battery voltage	18,0 V
Weight	0,72 kg
QTY/PKG	1

Battery pack Li ion 18.0 V with integrated charge and discharge protection, battery charge indicator, dust and splash protection. Electronic management system (EMS) protects the battery pack, extends the service life, and increases efficiency.

Rapid charger

Order number 417.882

Technical attributes	
QTY/PKG	1

For charging 10.8 and 18.0 V battery packs. With large-format LCD display for battery diagnostics and charge levels. Charging time 10,8 V approx. 40 min. for 2.5 Ah / 4.0 Ah and approx. 55 min. for 6.0 Ah batteries. Charging time 18 V: approx 40 min for 2.5 Ah and approx 45 min for 5.0 Ah. A special procedure charges 80% of the capacity after about 30 min. With integrated battery pack cooler and overheating, discharge, and overload protection.

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Accessories

Power 55 R

Order number 491.349

Technical attributes	
QTY/PKG	1

Set consisting of a 10.8/18.0 V rapid charger and two 5.0 Ah 18.0 V battery packs.

Power 22 Q

Order number 491.357

Technical attributes	
QTY/PKG	1

Set consisting of a 18.0 V charger and two 2.5 Ah 18.0 V battery packs.

Carrying bag

Order number 502.561

Technical attributes	
Size (W x L x H)	570 x 290 x 330 mm
Weight in kg	3,14
QTY/PKG	1

Practical carrying bag made from plastic-reinforced, tear-resistant textile material with a very wide opening. With large storage space for up to

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three tools as well as compartments for accessories such as batteries, charger etc. and five exterior pockets on the front. Fitted with rubber feet, lockable zip fastener, cushioned carrying strap and steel-reinforced handles.

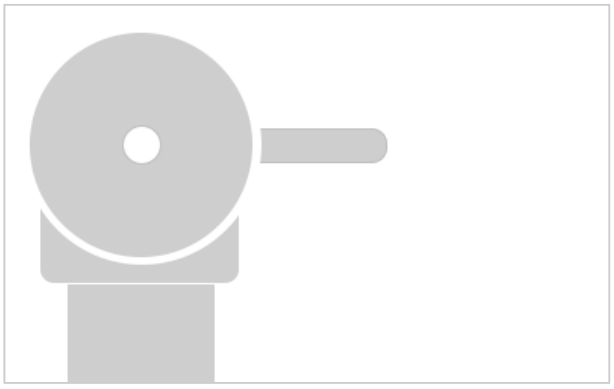
Carrying case L-BOXX®

Order number 414.093

Technical attributes	
External dimensions L x W x H	442 x 357 x 253 mm
Internal dimensions L x W x H	378 x 306 x 209 mm
Weight	2,8 kg
QTY/PKG	1

The robust storage and transport system L-BOXX® made of impact-resistant plastic conveys tools, accessories and consumables easily and comfortably to the place of use. Elaborate inserts provide order and clarity, ergonomically shaped handles and additional moulded recesses for flexible and comfortable handling. The unbeatably simple connection and disconnection of the different L-BOXXes optimises combined transportation. Fits the TÜV-tested in-vehicle equipment system from Sortimo perfectly and without adapters. Load capacity per L-BOXX® up to 25 kg, combined transportation up to 40 kg, the cover can be loaded up to 100 kg. Splash-proof. Without insert.

Case insert



Technical attributes	
QTY/PKG	Order number
1	502.804
1	502.812

Matching insert for BME 18.0-EC for carry case L-BOXX® 238.

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Accessories

Carrying case L-BOXX®

Order number 414.085

Technical attributes	
External dimensions L x W x H	442 x 357 x 151 mm
Internal dimensions L x W x H	378 x 311 x 107 mm
Weight	2,2 kg
QTY/PKG	1

The robust storage and transport system L-BOXX® made of impact-resistant plastic conveys tools, accessories and consumables easily and comfortably to the place of use. Elaborate inserts provide order and clarity, ergonomically shaped handles and additional moulded recesses for flexible and comfortable handling. The unbeatably simple connection and disconnection of the different L-BOXXes optimises combined transportation. Fits the TÜV-tested in-vehicle equipment system from Sortimo perfectly and without adapters. Load capacity per L-BOXX® up to 25 kg, combined transportation up to 40 kg, the cover can be loaded up to 100 kg. Splash-proof. Without insert, with additional front handle.

Sanding arm, 9 mm, pointed

Order number 256.525

Technical attributes	
Dimension of roller in mm	25 Ø x 9
QTY/PKG	1

For extremely tight spaces. Application cases: Sanding wedge seams (small radius), sanding down corrosion spots, smoothen tight contours, deburring edges, sanding banisters, sanding groove gaps for tongue-and-groove boards. Adjustable sanding arm for length of 520 and 533 mm.

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Accessories

Sanding arm, 9 mm, cambered

Order number 256.532

Technical attributes	
Dimension of roller in mm	25 Ø x 9
QTY/PKG	1

For angles and tight spaces. Application cases: Sanding wedge seams (large radius), deburring edges, sanding banisters, sanding groove gaps for tongue-and-groove boards. Adjustable sanding arm for lenght of 520 and 533 mm.

Sanding arm, 30 mm, large roller

Order number 258.888

Technical attributes	
Dimension of roller in mm	30 Ø x 30
QTY/PKG	1

For pipes and curves. Application cases: Sanding weld seams on pipes, sanding down radii and transitions, deburring. Adjustable sanding arm for lenght of 520 and 533 mm.

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Accessories

Sanding arm, 30 mm, small roller

Order number 255.282

Technical attributes	
Dimension of roller in mm	20 Ø x 30
QTY/PKG	1

For edges and surfaces. Application cases: Sanding butt seam welds, deburring edges, sanding surfaces, removing rust. Adjustable sanding arm for lenght of 520 and 533 mm.

Sanding fleece

Technical attributes			
Dimensions in mm	Grit	QTY/PKG	Order number
100 Ø x 50	A 80	1	250.509
100 Ø x 50	A 160	1	250.510
100 Ø x 50	A 280	1	250.512
100 Ø x 50	A 400	1	250.513

Flexible fleece roller made of sanding grit-impregnated nylon web with a keyway. Achieves effective surface finishes on stainless steel, copper, aluminum, brass, etc. Also ideal for cleaning oxidized coatings and smoothing plastic and wood.

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Accessories

Flap wheel sanding

Technical attributes

Dimensions in mm	Grit	QTY/PKG	Order number
100 Ø x 50	P 40	1	250.496
100 Ø x 50	P 60	1	250.498
100 Ø x 50	P 80	1	250.499
100 Ø x 50	P 120	1	250.501
100 Ø x 50	P 180	1	250.504
100 Ø x 50	P 240	1	250.505

Flexible sanding wheel with individual flexible flap-type sanding lamellae and keyway. For paint removal, sanding and strong graining applications. Removes scratches, rust, old paint, scale and burrs. The 40 grit employed enables the removal of even deep scratches on stainless steel.

Sanding fleece flap

Technical attributes

Dimensions in mm	Grit	QTY/PKG	Order number
100 Ø x 50	P 80/A 160	1	250.515
100 Ø x 50	P 150/A 280	1	250.516

Flexible combination of sanding flap and sanding fleece. Suitable for dulling and finishing. Removes small scratches on metal, hard plastics and wood.

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Accessories

Fine polishing roller

Technical attributes			
Dimensions in mm	Grit	QTY/PKG	Order number
100 Ø x 50	K 60	1	250.525
100 Ø x 50	K 180	1	250.526

Soft rubber polishing wheel made of grit-impregnated rubber web. For particularly bright longitudinal structures. Best effects are achieved on stainless steel.

Polishing felt

Order number 257.374

Technical attributes	
Dimensions in mm	100 Ø x 50
QTY/PKG	1

Soft, flexible felt polishing wheel. For high-gloss polishing when using polishing pastes and creams.

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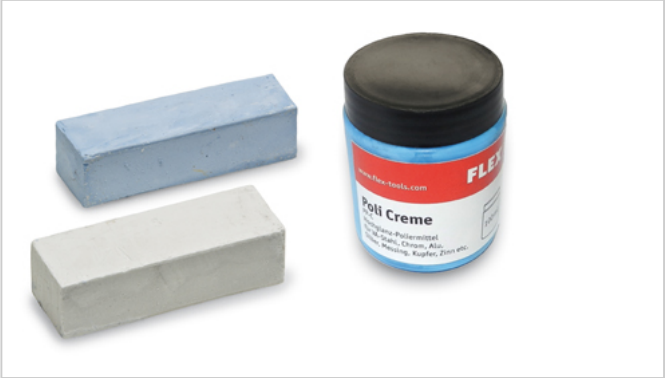
Accessories

Poli set mini white/blue/creme

Order number 365.041



Technical attributes	
Weight in kg	3 x 0,1
QTY/PKG	1 set

Polishing set, consisting of: polishing paste white, polishing paste blue, 100 g each and polishing cream, 100 g.

Polishing paste Poli white

Order number 255.004

Technical attributes	
Weight in kg	0,7
QTY/PKG	1

Pre-polishing paste, white, 700 g.

Polishing paste Poli blue

Order number 255.005

Technical attributes	
Weight in kg	0,7
QTY/PKG	1

High gloss paste blue, 700 g.

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Accessories

Polishing cream Poli creme

Order number 255.006

Finishing cream, box 1 kg.

Technical attributes	
QTY/PKG	1
Weight in kg	1

Cotton buffing wheel

Order number 317.950

Technical attributes	
Dimensions in mm	100 Ø x 10
QTY/PKG	8

Polishing ring made of impregnated cotton cloth. Achieves a high-gloss polished finish on aluminum, brass and stainless steel. Needed are 8 pieces plus distance ring set (order no. 250.522).

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Accessories

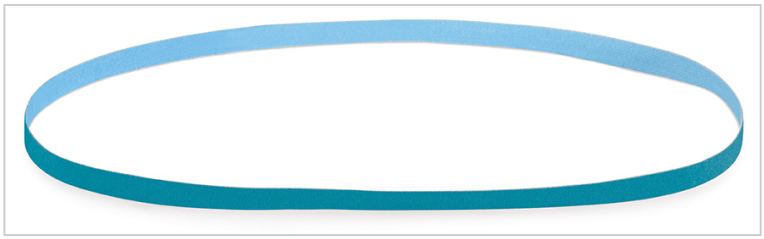
Sanding belt ZIRCOFLEX

Technical attributes

Dimensions in mm	Grit	QTY/PKG	Order number
533 x 4	P 60	10	303.615
533 x 4	P 80	10	434.620
533 x 4	P 120	10	303.623

Sanding belt with high-quality, self-sharpening zirconium corundum for a longer service life. High abrasion performance in coarse and intermediate sanding on steel and stainless steel surfaces.

Sanding belt ZIRCOFLEX



Technical attributes

Dimensions in mm	Grit	QTY/PKG	Order number
533 x 9	P 40	10	257.101
533 x 9	P 60	10	257.105
533 x 9	P 80	10	434.639
533 x 9	P 120	10	257.102

Sanding belt with high-quality, self-sharpening zirconium corundum for a longer service life. High abrasion performance in coarse and intermediate sanding on steel and stainless steel surfaces.

Sanding belt ZIRCOFLEX

Technical attributes

Dimensions in mm	Grit	QTY/PKG	Order number
533 x 30	P 40	10	256.538
533 x 30	P 60	10	255.328
533 x 30	P 80	10	434.647
533 x 30	P 120	10	255.329

Sanding belt with high-quality, self-sharpening zirconium corundum for a longer service life. High abrasion performance in coarse and intermediate sanding on steel and stainless steel surfaces.

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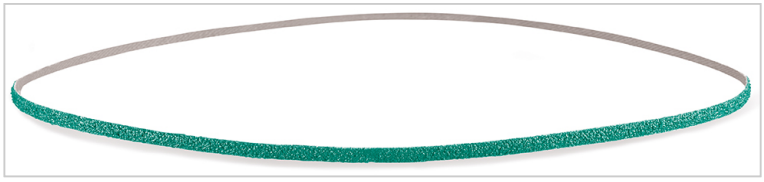
Accessories

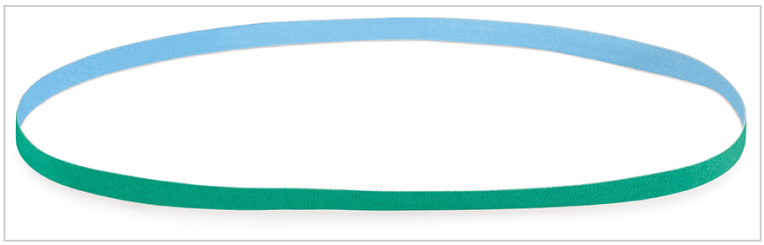
Sanding belt CERAFLEX



Technical attributes			
Dimensions in mm	Grit	QTY/PKG	Order number
533 x 4	60	10	434.655
533 x 4	80	10	434.663
533 x 4	120	10	434.671

Flexible high-performance sanding belt for optimum sanding performance, with high abrasion performance and an extremely long service life thanks to self-sharpening, micro-crystalline ceramic grit for preliminary and intermediate sanding on stainless steel surfaces. Cool sanding thanks to additional multi-bonding.

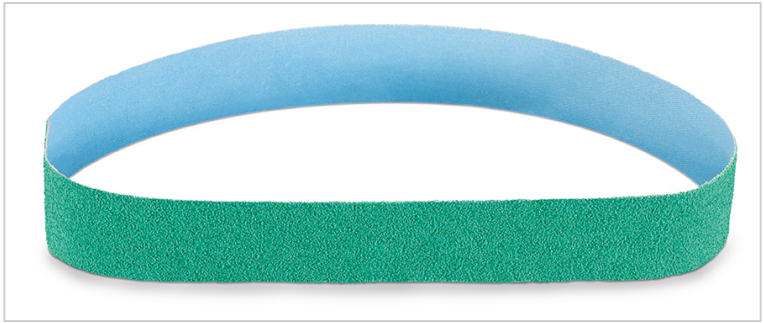
Sanding belt CERAFLEX



Technical attributes			
Dimensions in mm	Grit	QTY/PKG	Order number
533 x 9	60	10	434.698
533 x 9	80	10	434.701
533 x 9	120	10	434.728

Flexible high-performance sanding belt for optimum sanding performance, with high abrasion performance and an extremely long service life thanks to self-sharpening, micro-crystalline ceramic grit for preliminary and intermediate sanding on stainless steel surfaces. Cool sanding thanks to additional multi-bonding.

Sanding belt CERAFLEX



Technical attributes			
Dimensions in mm	Grit	QTY/PKG	Order number
533 x 30	60	10	434.736
533 x 30	80	10	434.744
533 x 30	120	10	434.752

Flexible high-performance sanding belt for optimum sanding performance, with high abrasion performance and an extremely long service life thanks to self-sharpening, micro-crystalline ceramic grit for preliminary and intermediate sanding on stainless steel surfaces. Cool sanding thanks to additional multi-bonding.

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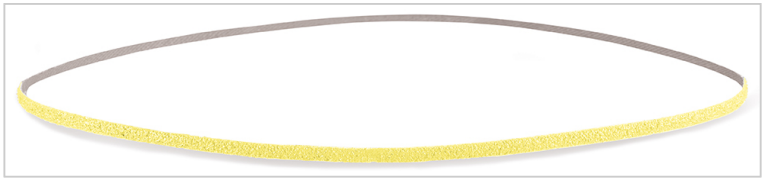
Accessories

Sanding belt CORUFLEX

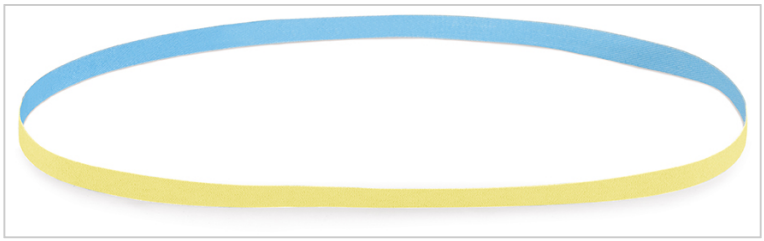


Technical attributes

Dimensions in mm	Grit	QTY/PKG	Order number
533 x 4	P 120	10	434.760
533 x 4	P 180	10	434.779
533 x 4	P 240	10	434.787

Highly flexible sanding belt with annealed corundum grit and active-sanding agents for finishing stainless steel. Particularly suitable for finish sanding.

Sanding belt CORUFLEX

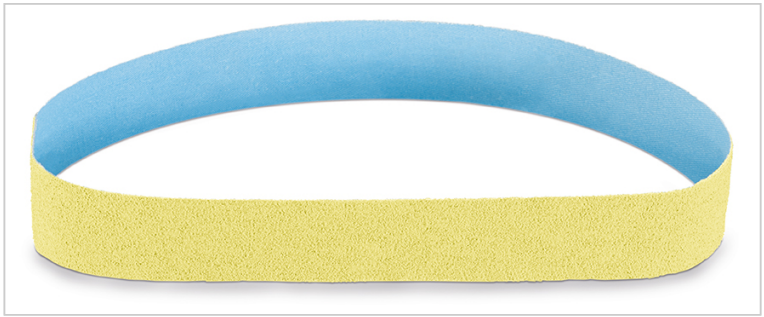


Technical attributes

Dimensions in mm	Grit	QTY/PKG	Order number
533 x 9	P 120	10	434.795
533 x 9	P 180	10	434.809
533 x 9	P 240	10	434.817

Highly flexible sanding belt with annealed corundum grit and active-sanding agents for finishing stainless steel. Particularly suitable for finish sanding.

Sanding belt CORUFLEX



Technical attributes

Dimensions in mm	Grit	QTY/PKG	Order number
533 x 30	P 120	10	434.825
533 x 30	P 180	10	434.833
533 x 30	P 240	10	434.841

Highly flexible sanding belt with annealed corundum grit and active-sanding agents for finishing stainless steel. Particularly suitable for finish sanding.

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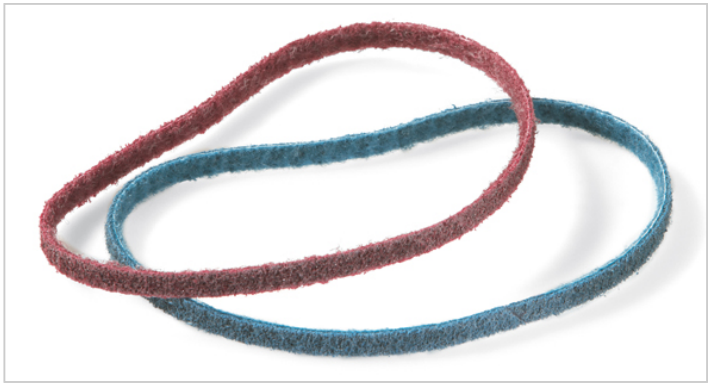
Accessories

Sanding belt MESHFLEX



Technical attributes

Dimensions in mm	Grit	QTY/PKG	Order number
533 x 9	A 240	3	318.663
533 x 9	A 400	3	318.671

For removing minor damage, scratches, tarnish, flash rust, scale and dirt. Removing tarnish at welds without heat distortion at thin plates. For grinding, cleaning and finishing stainless steel, steel, titanium alloys, light metals, non-ferrous metals and plastics.

Sanding belt MESHFLEX

Technical attributes

Dimensions in mm	Grit	QTY/PKG	Order number
533 x 30	A 100	3	434.868
533 x 30	A 240	3	318.647
533 x 30	A 400	3	318.655

For removing minor damage, scratches, tarnish, flash rust, scale and dirt. Removing tarnish at welds without heat distortion at thin plates. For grinding, cleaning and finishing stainless steel, steel, titanium alloys, light metals, non-ferrous metals and plastics.