Complete solutions for machining stainless steel surfaces from FEIN.
For results that shine.
Stainless steel shines with possibilities. Make the most of them with FEIN tools and expertise.

Stainless steel is corrosion-resistant and hard-wearing, and literally 'shines' with design possibilities. But until now only users with decades of hands-on experience had the necessary practical expertise to carry out professional, effective work with stainless steel. As an experienced partner to the metal industry, FEIN has an in-depth understanding of the requirements of stainless steel machining and offers a range of optimum solutions in this area. These solutions include durable, robust FEIN products and also special accessories and accessory sets that are specifically tailored to stainless steel applications. Whether you need to give a mirror finish to large surfaces, or machine pipes or profiles in hard-to-reach places, such as hand rails, FEIN can help you achieve optimum results in a fraction of the time.

With robust solutions from FEIN, it's simple and easy to get involved with stainless steel.

Sanding down welded seams, cutting out profiles, or polishing and satin-finishing surfaces to a mirror polish – our durable and practical solutions take account of the particular characteristics of the material (such as heat build-up during surface machining of stainless steel plates), giving you the keys to one of the most exciting markets of the future.

Typical applications range from coarse sanding to satin-finishing for a mirror polish. Our tools use cool grinding to avoid warping of the metal. Flexible-use machines such as the FEIN sanding polisher and the perfectly matched modular sets guarantee optimum results.

When optimum grinding of welded seams without damaging adjacent surfaces or perfect satin-finishing and polishing for pipe bends the tools have to be partnered perfectly for the surface. With FEIN belt grinders you can grind transitional areas that used to require manual machining in a single process, without dismantling.

Cleaning, removing tarnishing and deburring: FEIN power tools such as fillet weld grinders offer unique robustness and take up little space. With these tools in your toolkit, even grinding transitions in hard-to-reach places is an easy job.
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Top-class results right to the finish – machining surfaces with FEIN.

Large or small, smooth or textured, glossy or matt – the machining solution you choose depends on what your surface looks like now and how you want it to look when you’ve finished the job. FEIN is the first manufacturer to offer the necessary expertise, the tools, the right accessories and specially matched stainless steel sets for surface machining.

Cleaning off dirt
Fast and efficient cleaning and finishing for large surfaces. The corrugated fleece adapts optimally to embossed surfaces.

Rough material removal
Grind surfaces with sanding sleeves for excellent material removal.

Removing welded seams
With high torque lower-speed grinding, using serrated discs avoids high heat build-up on the material.

Removing scratches
Precise sanding of minor scratches with finishing disc. For deeper scratches use Pyramix sanding discs with hook-and loop fastening.

Removing tarnishing
Effectively remove tarnishing with the corrugated fleece or fleece disc. For optimum adaptation to welded seams.

Satin-finishing
Professional-looking satin-finishing. For a smooth finish across the whole surface.

Preparing for polishing
Optimum preparation for polishing surfaces. The right sanding pattern with rotating procedures.

Polishing to a mirror polish
High-quality polishing results for surfaces, pipes and profiles. Larger tool diameters are available for larger immersion depths.
### FEIN power tools and accessories for machining stainless steel surfaces.

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Better machining all round for pipes and profiles?
No problem with our stainless steel sets.

The optimum machining of stainless steel pipes and profiles involves a wide range of different challenges. When used in hand rails, for example, they often serve as design element as well as functional element. In cases like these, optimum surface quality is of prime importance. FEIN power tools and stainless steel sets enable you to machine even hard-to-reach places without any need for dismantling – and in a fraction of the time.

**Cleaning off dirt**
Clean pipes and profiles quickly and efficiently. The corrugated fleece adapts optimally to any given structure.

**Removing scratches**
Effective removal of scratches on bent handrails and pipes.

**Removing welded seams**
Remove welded seams without damaging adjacent surfaces: with the special FEIN medium serrated disc.

**Removing tarnishing**
The sanding polisher WPO 14-25 E: effectively remove tarnishing. Flexible corrugated fleece adapts optimally to the shape of the material.

**Satin-finishing**
For stainless steel profiles and flat material: satin-finishing with disc fleece wheels.

**Preparing for polishing**
Polishing of profiles – with optimum preparation using Pyramix and the rotation process.

**Polishing to a mirror polish**
Achieve the perfect mirror finish, even with larger pipe diameters of up to 120 mm.

**Machining fillet welds**
Machine fillet welds: from sanding the welded seams to polishing to a mirror finish with the fillet weld sander KS 10-38 E.
**FEIN power tools and accessories for machining stainless steel pipes and profiles.**

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Industrial machining of pipes and profiles? Better choose GRIT.

Stationary GRIT belt grinders are powerful, robust and modular. With a combination of special grinding belts, they create individual grinding patterns. As another benefit, because pipes and profiles are often ground as part of automatic production processes, GRIT machines are also optimised for volume production.

**Deburring**
GRIT deburring machines with stainless steel brushes for efficient deburring of manageable sized workpieces.

**Radius grinding**
Precision grinding in seconds with GRIT radius grinding modules.

**Grinding mitre joints**
Accurate grinding of mitre joints with mitre joint grinding plate and GIR.

**Removing scratches**
Scratches are removed in an automated process.

**Preparing welded seams**
Virtually vibration-free preparation of welded seams, maximum material removal and low tool costs: with the GRIT grinding belt quality “R”.

**Satin-finishing**
GRIT gives profiles a perfect satin finish.

**Preparing for polishing**
GRIT GIC centreless grinding module: create a grinding pattern to prepare for polishing pipes.
GRIT stationary belt grinders and accessories for machining stainless steel pipes and profiles.

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Perfect machining of corners and edges – with tools and expertise from FEIN.

Professional sanding and polishing of corners and edges is one of the most demanding tasks when machining stainless steel surfaces. This is because they are often difficult to access, which requires the machines and tools used to be extremely manageable and manoeuvrable.

**Deburring**

GRIT deburring machines with stainless steel brushes for efficient deburring of manageably sized workpieces.

**Preparing welded seams**

GRIT high-performance grinding belts for maximum material removal.

**Removing welded seams**

FEIN medium serrated discs for removing fine welded seams without damaging adjacent surfaces.

**Removing tarnishing**

Ideal for hard-to-reach spots: the handy belt sander BF 15-280 E with swivelling grinding arm.

**Sanding fillet welds**

Efficient machining, from sanding to mirror polish, with the fillet weld sander.
FEIN power tools, GRIT stationary belt grinders and accessories for machining corners and edges.

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<td>GXE</td>
<td>GRIT grinding belt quality R</td>
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<td>GIE</td>
<td>Stainless steel brush</td>
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<td>MShy 648 1Z</td>
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</tbody>
</table>

▲ suitable ▲▲ very suitable
From rough grinding to mirror polish – FEIN stainless steel sets.

FEIN supplies carefully chosen accessories for any desired surface quality in tried-and-tested FEIN stainless steel sets. The sets are specifically matched for the particular machine – the compact angle grinder WSG 14-70 E or the sanding polisher WPO 14-25 E – and the application. Please refer to the following table to find out which set is best for your application. All you need to know is the initial condition of the surface, the area of use or workpiece, and the desired result.

<table>
<thead>
<tr>
<th>Surface with minor scratches</th>
<th>1. Standard stainless steel set – Surfaces p 23</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface with rough welded seam</td>
<td>2. Stainless steel set – Sanding surfaces p 23</td>
</tr>
<tr>
<td>Surface with fine welded seam</td>
<td>4. Stainless steel set – Preparing to polish surfaces / pipes / profiles</td>
</tr>
<tr>
<td>Pipes with scratches</td>
<td>6. Standard stainless steel set – Pipes</td>
</tr>
<tr>
<td>Pipes / profiles with welded seams</td>
<td>7. Stainless steel set – Sanding pipes / profiles</td>
</tr>
</tbody>
</table>
FEIN STAINLESS STEEL SETS

FEIN compact angle grinder
WSG 14-70 E

FEIN sanding polisher
WPO 14-25 E

1. Stainless steel set – Preparing to polish surfaces / pipes / profiles
2. Stainless steel set – Sanding pipes / profiles
3. Standard stainless steel set – Surfaces
4. Stainless steel set – Sanding surfaces
5. Stainless steel set – Satin-finishing surfaces
6. Standard stainless steel set – Pipes
7. Stainless steel set – Satin-finishing profiles
8. Stainless steel set – Polishing surfaces / pipes / profiles

Surface with minor scratches
Surface with rough welded seam
Surface with fine welded seam
Pipes with scratches
Pipes / profiles with welded seams

Standard stainless steel set – Surfaces p. 23
Stainless steel set – Satin-finishing surfaces p. 23
Stainless steel set – Preparing to polish surfaces / pipes / profiles p. 17
Stainless steel set – Polishing surfaces / pipes / profiles S. 24
Stainless steel set – Sanding pipes / profiles
Stainless steel set – Satin-fin. prof. p. 24
The FEIN stainless steel range – robust machines and sets.

Surfaces, pipes and profiles, or corners and edges: FEIN offers a complete range of diverse, specialised products for machining stainless steel. From individual machines like angle grinders, sanding polishers, pipe sanders and stationary belt grinders, FEIN can tailor to a specific stainless steel application using the right accessories, or accessory set.

Need to remove dirt, tarnishing, scratches or welded seams? Need to prepare a surface for polishing or polish it to a mirror polish? FEIN has the right solution for any stainless steel surface and any stainless steel application. Durable, robust tools and accessories that allow you to work faster, more conveniently and more efficiently than ever before.
### Overview of FEIN machines and sets.

<table>
<thead>
<tr>
<th>Machine Type</th>
<th>Description</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compact angle grinder WSG 14-70 E</td>
<td>Stainless steel set - Sanding pipes / profiles</td>
<td>page 16</td>
</tr>
<tr>
<td>Compact angle grinder WSG 14-125 S</td>
<td>Stainless steel set - Preparing to polish surfaces / pipes / profiles</td>
<td>page 20</td>
</tr>
<tr>
<td>Sander / Polisher WPO 14-25 E</td>
<td>Stainless steel set – Satin-finishing profiles</td>
<td>page 22</td>
</tr>
<tr>
<td>Sander / Polisher WPO 14-25 E</td>
<td>Standard stainless steel set – Surfaces</td>
<td></td>
</tr>
<tr>
<td>Sander / Polisher WPO 14-25 E</td>
<td>Standard stainless steel set – Pipes</td>
<td></td>
</tr>
<tr>
<td>Sander / Polisher WPO 14-25 E</td>
<td>Stainless steel set – Sanding surfaces</td>
<td></td>
</tr>
<tr>
<td>Sander / Polisher WPO 14-25 E</td>
<td>Stainless steel set – Satin-finishing surfaces</td>
<td></td>
</tr>
<tr>
<td>Straight grinder MSHY 648-1 Z</td>
<td></td>
<td>page 28</td>
</tr>
<tr>
<td>Straight grinder AHSI 636 C</td>
<td></td>
<td>page 30</td>
</tr>
<tr>
<td>Fillet weld sander KS 10-38 E</td>
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<td>page 32</td>
</tr>
<tr>
<td>Pipe sander RS 10-70 E</td>
<td></td>
<td>page 34</td>
</tr>
<tr>
<td>Pipe sander RS 12-70 E</td>
<td></td>
<td>page 36</td>
</tr>
<tr>
<td>Belt sander BF 10-280 E</td>
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<td>page 40</td>
</tr>
<tr>
<td>Belt grinder GRIT GX 75 2H</td>
<td>Radius grinding module GXR</td>
<td>page 42</td>
</tr>
<tr>
<td>Belt grinder GRIT GX 75 2H</td>
<td>Rotary grinding module GXC</td>
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</tr>
<tr>
<td>Belt grinder GRIT GX 75 2H</td>
<td>Cooling lubricant module GXW</td>
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</tr>
<tr>
<td>Belt grinder GRIT GX 75 2H</td>
<td>Deburring machine GXE</td>
<td></td>
</tr>
<tr>
<td>Belt grinder GRIT GI 150 2H</td>
<td>Surface grinding module GIL</td>
<td>page 47</td>
</tr>
<tr>
<td>Belt grinder GRIT GI 150 2H</td>
<td>Deburring machine GIE</td>
<td></td>
</tr>
</tbody>
</table>
FEIN compact angle grinder WSG 14-70 E starter set. Preparing to finish surfaces / pipes / profiles.

As a powerful compact angle grinder with variable speed for machining stainless steel, the WSG 14-70 E offers an optimised speed range for stainless steel surfaces and high cutting performance, particularly for precise material removal. The speed is infinitely variable and the tool’s HIGH POWER MOTOR supplies it with very high torque.

**Benefits:**
- Variable speed allows various accessories to be used and preserves surfaces.
- Anti-vibration handle for fatigue-free working.
- H 07 industrial cable.
- Dustproof tacho control.
- Sealed electronic parts.
- Soft start.

**Technical data**

<table>
<thead>
<tr>
<th>Model</th>
<th>WSG 14-70 E</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power / consumption</td>
<td>w 1200</td>
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<td>Power / output</td>
<td>w 750</td>
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<td>Idling speed</td>
<td>rpm 2500 – 7000</td>
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<td>Cable with plug</td>
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<tr>
<td>Weight according to EPTA</td>
<td>kg 2.4</td>
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<tr>
<td>Tool holder</td>
<td></td>
</tr>
<tr>
<td>Flanges</td>
<td>M 14</td>
</tr>
<tr>
<td>Sanding disc Ø</td>
<td>mm 125</td>
</tr>
<tr>
<td>Elastic backing pad Ø</td>
<td>mm 125</td>
</tr>
</tbody>
</table>

**Ergonomic shape**

Ergonomic shape so you can work comfortably and without fatigue.

**Long service life**

Impressive lifetime and very long service life thanks to the special self-supporting motor design, metal drive head and dustproof ball bearing.

**Variable speed**

Infinitely variable speed. The selected speed remains constant in all load situations.

**HIGH-POWER-MOTOR**

Effective material removal over the full working range and load of up to 150%.

**Minimal vibrations**

Best vibration values for up to 8 hours.
FEIN Compact angle grinder WSG 14-70 E starter set

Ideal for preparing to finish surfaces, pipes and profiles. The accessories in this starter set guarantee fast results with high sanding capacity, whether for smoothing welded seams, removing scratches or systematically building up a grinding pattern.

► Compact angle grinder WSG 14-70 E in plastic case
► 1 medium serrated sanding disc, diameter 125 mm
► 1 finishing disc, diameter 125 mm
► 5 Pyramix perforated sanding sheets, grit 280, diameter 115 mm
► 5 Pyramix perforated sanding sheets, grit 400, diameter 115 mm
► 5 Pyramix perforated sanding sheets, grit 800, diameter 115 mm
► 25 sanding sheets, grit 80, diameter 115 mm
► 1 cooling backing pad, diameter 75 mm, M14
► 1 support plate, diameter 115 mm, M14

Order number 7 221 43 61

WSG 14-70 E

Powerful compact angle grinder with variable speed control, ideal for machining stainless steel. Supplied in box without accessories.

Included in price:
1 safety hood, 1 pair of flanges,
1 anti-vibration handle, 1 wrench

Order number 7 221 43
Stainless steel sets

**Stainless steel set – Sanding pipes / profiles**
Sand fine welded seams without damaging adjacent surfaces. With subsequent surface finish.

Also included:
- 10x medium serrated sanding discs (6 37 30 018 01 0)
- 1 flap wheel, Grit 120 (6 37 21 052 01 0)
- 1 finishing disc (6 37 32 005 01 0)

Set requires
angle grinder FEIN WSG 14-70 E

Order number 6 37 21 052 02 0

**Stainless steel set – Preparing to polish surfaces / pipes / profiles**
Quickly and effectively removes scratches; optimum preparation for polishing with matched sanding pattern; when preparing for polishing, effective material removal in little time.

Also included:
- Pyramix perforated sanding sheets, grit 280, diameter 115 mm, pack of 5 (6 37 17 239 01 0)
- Pyramix perforated sanding sheets, grit 400, diameter 115 mm, pack of 5 (6 37 17 240 01 0)
- Pyramix perforated sanding sheets, grit 800, diameter 115 mm, pack of 5 (6 37 17 241 01 0)
- Pyramix perforated sanding sheets, grit 1400, diameter 115 mm, pack of 5 (6 37 17 242 01 0)
- Cooling backing pad, diameter 75 mm, M14, pack of 1 (6 38 06 196 01 0)
- Sanding sheets, diameter 115 mm, grit 80, pack of 25 (6 37 28 135 01 0)
- Cooling backing pad, diameter 115 mm, M14, pack of 1 (6 38 06 193 01 0)

Set requires
angle grinder FEIN WSG 14-70 E

Order number 6 38 06 193 04 0

Other accessories

**Tool case**
Plastic, 450 × 310 × 135 mm.

Order number 3 39 01 118 01 0

**Plastic box**
Case insert with lockable lid for small parts and accessories, suitable for tool case 3 39 01 181 01 0, max. 5 per case

Order number 3 39 01 119 00 0

**Anti-vibration handle**
MB, vibration-absorbing, to reduce vibrations during longer jobs

Order number 3 21 19 124 01 0

**Elastic backing pad**
Ø 125 mm, with M14 flange, for fibre sanding discs.

Order number 6 38 06 087 01 3

**Support plate**
Ø 125 mm, with hook and loop fastening, for use with sanding fleece, sanding sheets or Pyramix with hook and loop fastening, M14.

Order number 6 38 06 168 01 2

**INOX round twist brush**
Ø 115 mm, M14

Order number 6 37 22 049 01 8

**Inner flange**
Ø 125 mm, with hook and loop fastening, for use with sanding fleece, sanding sheets or Pyramix M14.

Order number 6 38 01 120 00 6

**Threaded flange M14**
for roughing discs, cutting wheels, serrated sanding discs and round twist brushes.

Order number 6 38 02 052 00 0

**Support plate**
Ø 115 mm, with hook and loop fastening, for use with sanding fleece, sanding sheets or Pyramix M14.

Order number 6 38 06 172 01 0

**Universal dust extraction device**
Ø 125 mm, for serrated sanding discs, elastic backing pads, support plates and tapered twist brushes.

Order number 9 26 02 067 01 6

**Strip brush**
for universal dust extraction device.

Order number 3 32 18 101 01 4
Sanding fleece discs
Ø 115 mm, stable, with hook and loop fastening, for use with support plate
6 38 06 172 01 0.

Version No. in pack Order number
course 10 6 37 32 001 01 8
medium 10 6 37 32 002 01 1
fine 10 6 37 32 003 01 5

Cooling backing pad
Ø 115 mm, rear-ventilated backing pad, ideal for Pyramix sanding discs M14.

Order number 6 38 06 193 01 0

Cooling backing pad
Diameter 75 mm, M14, suitable for Pyramix sanding disc once the outer edge has been removed.

Order number 6 38 06 196 01 0

Sanding sheet, grit 80
Diameter 115 mm, high sanding capacity and long service life. Ideal for removing very deep scratches and fine welded seams from stainless steel. Pack of 25.

Order number 6 37 28 135 01 0

Pyramix sanding disc
Ø 115 mm
Practical: the new perforation pattern means that the edge can be removed and the sanding disc used on a smaller backing pad (75 mm in diameter). Diameter of 115 mm with various grits. Pack size: 5 or 25.

No. in pack Grit Order number
5 280 6 37 17 239 01 0
25 280 6 37 17 239 02 0
5 400 6 37 17 240 01 0
25 400 6 37 17 240 02 0
5 800 6 37 17 241 01 0
25 800 6 37 17 241 02 0
5 1400 6 37 17 242 01 0
25 1400 6 37 17 242 02 0

Flap wheel, grit 120
For smooth buildup of radial sanding pattern, grit 120. Pack of 1.

Order number 6 37 21 052 01 0

Finishing disc
Ø 125 mm, for final finish Pack of 1.

Order number 6 37 32 005 01 0

Serrated sanding disc medium
Ø 125 mm, for removing fine welded seams without damaging adjacent surfaces. No. in pack 10.

Order number 6 37 30 018 01 0
FEIN Compact angle grinder WSG 14-125 S – mechanically reduced speed for maximum performance.

As a powerful compact angle grinder with reduced speed yet high torque and speed stability, the WSG 14-125 S is ideal for machining stainless steel with serrated discs.

Benefits:
- Unique ergonomic design for fatigue-free working.
- Equally suited to right- and left-handers.
- H 07 industrial cable.
- Captive safety hood with protection against twisting.
- Soft start.
- Restart lock.

Technical data

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<thead>
<tr>
<th>Model</th>
<th>WSG 14-125 S</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
<td>Power / output w</td>
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<td>Cable with plug m</td>
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<td>Weight according to EPTA kg</td>
<td>2.4</td>
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<tr>
<td>Tool holder</td>
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<td>Flanges</td>
<td>M 14</td>
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<tr>
<td>Sanding disc Ø mm</td>
<td>125</td>
</tr>
<tr>
<td>Elastic backing pad Ø mm</td>
<td>125</td>
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</tbody>
</table>

Ergonomic shape

Ergonomic shape so you can work comfortably and without fatigue.

Ergonomic shape

Minimal vibrations

Best vibration values for up to 8 hours.

Long service life

Impressive lifetime and very long service life thanks to the special self-supporting motor design, metal drive head and dustproof ball bearing.

HIGH-POWER-MOTOR

Effective material removal over the full working range and load of up to 150%.

Effective material removal
WSG 14-125 S

Powerful compact angle grinder for grinding and cutting work on stainless steel. Supplied in box without accessories.

Included in price:
1 safety hood, 1 pair of flanges, 1 anti-vibration handle, 1 wrench

Order number 7 221 44

Accessories

Tool case
Plastic; 450 x 310 x 135 mm.

Order number 3 39 01 118 01 0

Plastic box
Case insert with lockable lid for small parts and accessories, suitable for tool case 3 39 01 181 01 0, max. 5 per case.

Order number 3 39 01 119 00 0

Anti-vibration handle
M8, vibration-absorbing, to reduce vibrations during longer jobs.

Order number 3 21 19 124 01 0

Elastic backing pad
with M14 flange, for fibre sanding discs Ø 125 mm.

Order number 6 38 06 087 01 3

INOX round twist brush
Ø 115 mm, M14.

Order number 6 37 22 049 01 8

Inner flange

Order number 6 38 01 120 00 6

Threaded flange M14
for roughing discs, cutting wheels, serrated sanding discs and round twist brushes.

Order number 6 38 02 052 00 0

Universal dust extraction device
Ø 125 mm, for serrated sanding discs, elastic backing pad, support plates and tapered twist brushes.

Order number 9 26 02 067 01 6

Strip brush
for universal dust extraction device.

Order number 3 32 18 101 01 4

INOX round twist brush

Order number 6 38 01 154 00 7
FEIN Sanding polisher WPO 14-25 E – power and flexibility in one.

The WPO 14-25 E combines several machines in one: a fully-functional sander, polisher and satin-finisher. Featuring a mechanical gear reduction and the FEIN HIGH-POWER-MOTOR, this machine is extremely powerful even at low speeds. The variable speed adjustment makes it ideal for machining stainless steel surfaces.

**Benefits:**
- Extremely powerful even at low speed.
- Can be used universally as a grinder, polisher and satin-finisher.
- High torque thanks to mechanical gear reduction.
- Continuously adjustable speed.
- Outstanding ergonomics for right- and left-handers.
- Soft start.
- H 07 industrial cable.

---

**Ergonomic shape**

Particularly ergonomic shape so you can work comfortably and without fatigue.

**Variable speed**

Infinitely variable speed. The selected speed remains constant in all load situations.

**Long service lives**

Impressive lifetime and very long service lives thanks to the special self-supporting motor design, metal drive head and dustproof ball bearing.

**Double gear reduction**

Maintains a constant speed even under very high load.

**HIGH-POWER-MOTOR**

Effective material removal over the full working range and load of up to 150%.

---

**Technical data**

<table>
<thead>
<tr>
<th>Model</th>
<th>WPO 14-25 E</th>
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<tbody>
<tr>
<td>Power / consumption</td>
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<td>Power / output</td>
<td>w 750</td>
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<td>Idling speed</td>
<td>rpm 900 – 2500</td>
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<td>Tool holder</td>
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<td>Flanges</td>
<td>M 14</td>
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<tr>
<td>Polishing tool Ø</td>
<td>mm 230</td>
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</tbody>
</table>
**FEIN Sanding polisher WPO 14-25 E starter set**

Stainless steel starter set for all standard applications in surface machining: removing tarnishing, dirt and minor scratches and achieving a high-quality satin finish.

- Tool in case
- 1 lamella fleece cylinder, grit 180
- 1 elastic sanding cylinder, grit 60
- 10 x sanding fleece with fine hooks and support plate
- 1 holder
- 2 wrenches
- 2 work arbours
- 1 corrugated sanding fleece

Order number 7 221 49 50

**WPO 14-25 E**

Extremely powerful sander/polisher for cool machining of stainless steel surfaces.
Supplied in box without accessories.

**Included in price:**
1 anti-vibration handle, 1 allen key

Order number 7 221 49
Stainless steel sets

Standard stainless steel set – Surfaces
Set for standard applications in surface machining: cleaning off dirt with corrugated fleece, removing tarnishing and achieving a high-quality satin finish.

Also included:
1 elastic sanding cylinder, Grit 60 (6 37 21 006 01 2)
1 lamella fleece cylinder (6 37 21 009 01 8)
1 corrugated sanding fleece (6 37 23 021 01 3)
1 fine fleece sanding disc, pack of 10 (6 37 32 003 01 5)
1 support plate (6 38 06 172 01 0)
1 work arbour (6 38 03 066 02 4)
1 pin-type face spanner (6 29 10 022 00 2)
1 open-ended spanner 19 x 22 (6 29 04 003 00 0)

Set requires
Sanding polisher WPO 14-25 E
Holder (6 37 33 006 01 0)
Work arbour (6 38 03 067 02 8)
Safety hoop (3 02 29 216 00 5)

Order number 6 37 21 006 04 0

Stainless steel set – Sanding surfaces
Effective material removal for surfaces.

Also included:
1 expansion cylinder (6 38 06 192 01 0)
5 sanding sleeves, Grit 60 (6 37 14 132 01 0)
5 sanding sleeves, Grit 80 (6 37 14 133 01 0)
5 sanding sleeves, Grit 120 (6 37 14 134 01 0)

Set requires
Sanding polisher WPO 14-25 E
Holder (6 37 33 006 01 0)
Safety hoop (3 02 29 216 00 5)
Work arbour (6 38 03 067 02 8)

Order number 6 38 06 192 02 0

Stainless steel set – Satin-finishing surfaces
Perfect, smooth satin finish. Very low build-up of heat during machining.

Also included:
1 elastic sanding cylinder, Grit 60 medium (6 37 21 006 01 2)
1 elastic sanding cylinder, Grit 180 fine (6 37 21 007 01 6)
1 sine fleece sanding cylinder, Grit 180 fine (6 37 21 051 01 0)

Set requires
Sanding polisher WPO 14-25 E
Holder (6 37 33 006 01 0)
Safety hoop (3 02 29 216 00 5)
Work arbour (6 38 03 067 02 8)

Order number 6 37 21 050 02 0

Standard stainless steel set – Pipes
Set for standard applications in the machining of straight pipes. Cleaning off dirt, removing tarnishing and achieving a high-quality satin finish.

Also included:
1 sanding belt roller (6 38 06 181 01 6)
1 sanding belt, Grit 60, pack of 10 (6 37 14 044 01 0)
1 sanding belt, Grit 120, pack of 10 (6 37 14 045 01 4)
1 medium fleece belt (6 37 14 048 01 9)
1 fine fleece belt (6 37 14 049 01 3)
1 adhesive strip (6 38 09 004 01 9)

Set requires
Sanding polisher WPO 14-25 E
Holder (6 37 33 006 01 0)
Safety hoop (3 02 29 216 00 5)
Work arbour (6 38 03 067 02 8)

Order number 6 38 06 181 03 0
**Stainless steel sets**

**Stainless steel set – Satin-finishing profiles**
The accessories for smooth satin finishes on profiles and narrow surfaces guarantee a perfect sanding pattern and a very low build-up of heat. The new, 50 mm wide cylinders ensure effective progress.

Also included:
- Elastic cylinder, grit 60 medium, 100 x 50 (6 37 21 054 01 0)
- Elastic cylinder, grit 180 fine, 100 x 50 (6 37 21 055 01 0)
- Sine fleece sanding cylinder, grit 180 fine, 100 x 50 (6 37 21 056 01 0)
- Work arbour 50 mm, M14 (6 38 03 071 02 0)

**Set requires**
- Sanding polisher WPO 14-25 E
- Holder (6 37 33 006 01 0)
- Safety hoop (3 02 29 216 00 5)

Order number 6 37 21 054 02 0

---

**Stainless steel set – Polishing surfaces / pipes / profiles**
Gives surfaces a mirror polish. No lint build-up on the polishing rings.

Also included:
- 1 sisal polishing ring (6 37 23 011 01 4)
- 2 rigid polishing ring cloth (6 37 23 013 01 1)
- 2 soft polishing ring cloth (6 37 23 014 01 9)
- 1 brush paste (6 37 26 027 01 0)
- 1 pre-polishing paste (6 37 26 028 01 0)
- 1 colouring paste (6 37 26 029 01 0)
- 1 work arbour (6 38 03 022 00 2)
- 1 open-ended spanner 19x22 (6 29 04 003 00 0)

**Set requires**
- Sanding polisher WPO 14-25 E
- Holder (6 37 33 006 01 0)
- Safety hoop (3 02 29 216 00 5)

Order number 6 37 23 011 04 0

---

**Other accessories**

**Elastic sanding cylinder**
Ø 100 x 100 mm

<table>
<thead>
<tr>
<th>Grit</th>
<th>Version</th>
<th>Order number</th>
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<tbody>
<tr>
<td>60</td>
<td>medium</td>
<td>6 37 21 006 01 2</td>
</tr>
<tr>
<td>180</td>
<td>fine</td>
<td>6 37 21 007 01 6</td>
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</tbody>
</table>

**Sine sanding fleece cylinder**
Ø 100 x 100 mm, with sine wave, for smooth satin finish.

<table>
<thead>
<tr>
<th>Grit</th>
<th>Version</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>180</td>
<td>fine (brown)</td>
<td>6 37 21 051 01 0</td>
</tr>
</tbody>
</table>

**Flap wheel**
Ø 150 mm

for remedying minor mistakes and scratches Grit 40

Order number 6 37 21 003 01 7

**Elastic sanding cylinder**
Ø 100 x 50 mm, cool sanding for smooth perfect grinding of profiles with thin walls and narrow surfaces.

<table>
<thead>
<tr>
<th>Grit</th>
<th>Version</th>
<th>Order number</th>
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</thead>
<tbody>
<tr>
<td>60</td>
<td>medium (green)</td>
<td>6 37 21 054 01 0</td>
</tr>
<tr>
<td>180</td>
<td>fine (blue)</td>
<td>6 37 21 055 01 0</td>
</tr>
</tbody>
</table>

**Sine fleece sanding cylinder, fine**
Ø 100 x 100 mm, with sine wave, for smooth satin finish.

<table>
<thead>
<tr>
<th>Grit</th>
<th>Version</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>180</td>
<td>fine (brown)</td>
<td>6 37 21 056 01 0</td>
</tr>
</tbody>
</table>

**Lamella fleece cylinder**
Ø 100 x 100 mm

or medium satin finish

<table>
<thead>
<tr>
<th>Grit</th>
<th>Version</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>medium</td>
<td>6 37 21 008 01 4</td>
</tr>
</tbody>
</table>

for fine satin finish

<table>
<thead>
<tr>
<th>Grit</th>
<th>Version</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>180</td>
<td>fine</td>
<td>6 37 21 009 01 8</td>
</tr>
</tbody>
</table>

for very fine satin finish

<table>
<thead>
<tr>
<th>Grit</th>
<th>Version</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>280</td>
<td>very fine</td>
<td>6 37 21 010 01 0</td>
</tr>
</tbody>
</table>

**Elastic sanding cylinder**
Ø 100 × 100 mm

<table>
<thead>
<tr>
<th>Grit</th>
<th>Version</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>60</td>
<td>medium (green)</td>
<td>6 37 21 006 01 2</td>
</tr>
<tr>
<td>180</td>
<td>fine (blue)</td>
<td>6 37 21 007 01 6</td>
</tr>
</tbody>
</table>

**Sine sanding fleece cylinder**
Ø 100 × 100 mm, with sine wave, for smooth satin finish.

<table>
<thead>
<tr>
<th>Grit</th>
<th>Version</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>180</td>
<td>fine (brown)</td>
<td>6 37 21 051 01 0</td>
</tr>
</tbody>
</table>

**Flap wheel**
Ø 150 mm

for remedying minor mistakes and scratches Grit 40

Order number 6 37 21 003 01 7

**Sanding fleece discs**
Ø 115 mm, stable, with hook and loop fastening, for use with support plate 6 38 06 172 01 0.

<table>
<thead>
<tr>
<th>Version</th>
<th>No. in pack</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>coarse</td>
<td>10</td>
<td>6 37 32 001 01 8</td>
</tr>
<tr>
<td>medium</td>
<td>10</td>
<td>6 37 32 002 01 1</td>
</tr>
<tr>
<td>fine</td>
<td>10</td>
<td>6 37 32 003 01 5</td>
</tr>
</tbody>
</table>

**Support plate**
Ø 115 mm, with hook and loop section, for use with sanding fleece, M14.

Order number 6 38 06 172 01 0

**INOX round twist brush**
Ø 115 mm, M14

Order number 6 37 22 049 01 8

**Sanding belt roller**
100 x 70 mm

Order number 6 38 06 181 01 6

**Sanding belts**
600 x 30 mm

<table>
<thead>
<tr>
<th>Grit</th>
<th>No. in pack</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>60</td>
<td>10</td>
<td>6 37 14 044 01 0</td>
</tr>
<tr>
<td>120</td>
<td>10</td>
<td>6 37 14 045 01 4</td>
</tr>
<tr>
<td>240</td>
<td>10</td>
<td>6 37 14 046 01 7</td>
</tr>
</tbody>
</table>

**Adhesive strip**
for re-fastening sanding belts in closed pipe systems, 50 m.

Order number 6 38 09 004 01 9
Other accessories

Fleece belts
With button closure for re-fastening, ideal for closed pipe systems, 600 x 30 mm.

Anti-vibration handle
Ø 150 mm, width 60 mm, elastic
For brush polishing, Grit 16 (coarse), soft “green”.

Order number 6 37 13 013 01 8

For fine surfaces, Grit 24 (medium), soft “blue”.

Order number 6 37 13 015 01 0

For fine polishing, Grit 46 (fine), soft, “brown”.

Order number 6 37 13 016 01 3

Requires: Work arbour.

Order number 6 38 03 066 02 4

Flap wheel
Width 50 mm, for polishing rust-resistant steel.

Order number 6 38 03 067 02 8

Work arbour
For cylinders, length 50 mm, tool mounting diameter 19 mm, M14.

Order number 6 38 03 071 02 0

Polishing wheel
Ø 150 mm, width 60 mm, elastic
For brush polishing, Grit 16 (coarse), soft “green”.

Order number 6 37 13 003 01 0

Holder
For side handle, can be swivelled through 360°.

Order number 6 37 33 006 01 0

Work arbour
For satin-finishing tools (cylinders and rollers), length 100 mm, tool holder Ø 19 mm, M14.

Order number 6 37 23 011 01 1

Vienna chalk
Stainless steel cleaning powder to remove polishing paste and fingerprints, 1 kg.

Order number 6 38 03 071 02 0

Polishing rings, soft cloth
 Width approx. 15 mm, bore 14 mm.
 For high gloss polishing of stainless steel and chrome with “white” colouring paste.

Order number 6 37 23 014 01 9

Polishing paste
For machining non-ferrous metals, iron/steel and stainless steel.

Order number 6 37 26 007 01 4

Polishing rings, fleece
extra soft
 Width approx. 15 mm, bore 14 mm.
 For finish polishing of stainless steel with colouring paste.

Order number 6 37 26 027 01 0

Safety hoop
As hand guard.

Order number 3 02 29 216 00 5

Polishing ring, Tuch, fest
 Width approx. 15 mm, bore 14 mm.
 For pre-polishing and polishing stainless steel with “orange” pre-polishing paste.

Order number 6 37 23 015 01 3

Polishing rings, sisal
for
 fine sanding / brushing and smoothing stainless steel after pre-sanding with Grit 280 – 400 with “yellow” brush paste.
 Malt sheen polishing of stainless steel with “yellow” brush paste.
 Width approx. 30 mm, bore 14 mm.

Order number 6 37 23 012 01 7

Polishing rings, fleece
extra soft
 Width approx. 15 mm, bore 14 mm.
 For finish polishing of stainless steel with colouring paste.

Order number 6 37 23 019 01 2

Microfibre cloth
Fine weave quality for cleaning polishing residue. Hem-free version means no scratches and no lint.

Order number 6 37 33 003 01 0

Anti-vibration handle
M8, vibration-absorbing, to reduce vibrations during longer jobs.

Order number 3 21 19 124 01 0

Sanding belt, Grit 120, pack of 10
For removing minor scratches, intermediate sanding

Order number 6 37 14 047 01 1

Sanding belt, Grit 60, pack of 10
For removing deep scratches.

Order number 6 37 14 048 01 9

Expansion cylinder
Ø 100 x 100 mm, for vibration-free, secure holding of sanding sleeves.

Order number 6 37 14 044 01 0

Polishing rings, sisal
Ø 100 x 100 mm, for vibration-free, secure holding of sanding sleeves.

Order number 6 38 06 192 01 0

Sanding belt
Grit No. in pack Order number
60 5 6 37 14 132 01 0
For removing deep scratches
Grit No. in pack Order number
80 5 6 37 14 133 01 0
For removing scratches, stage prior to satin-finishing
Grit No. in pack Order number
120 5 6 37 14 134 01 0

Polishing rings, sisal
for
 fine sanding / brushing and smoothing stainless steel after pre-sanding with Grit 280 – 400 with “yellow” brush paste.
 Malt sheen polishing of stainless steel with “yellow” brush paste.
 Width approx. 30 mm, bore 14 mm.

Order number 6 37 23 012 01 7

Polishing rings, sisal
for
 fine sanding / brushing and smoothing stainless steel after pre-sanding with Grit 280 – 400 with “yellow” brush paste.
 Malt sheen polishing of stainless steel with “yellow” brush paste.
 Width approx. 30 mm, bore 14 mm.

Order number 6 37 23 012 01 7

Polishing rings, sisal
for
 fine sanding / brushing and smoothing stainless steel after pre-sanding with Grit 280 – 400 with “yellow” brush paste.
 Malt sheen polishing of stainless steel with “yellow” brush paste.
 Width approx. 30 mm, bore 14 mm.

Order number 6 37 23 012 01 7
FEIN Straight grinder MShy 648-1 Z – unbeatable speed stability.

The MShy 648-1 Z is a manoeuvrable and powerful straight grinder that’s ideal for use in places with difficult accessibility. Its narrow neck is perfect for hard-to-reach places. It offers good speed stability and is perfectly designed for machining stainless steel, for example satin-finishing and polishing corners and edges. The spindle with multiple bearings makes for quiet operation and therefore accurate working.

**Benefits:**
- Ideal speed for working with stainless steel, satin-finishing and polishing corners and edges.
- Collet for shank up to 8 mm diameter.
- Small width across corners thanks to offset shape.
- Narrow neck and handle for ergonomic shape.

**Technical data**

<table>
<thead>
<tr>
<th>Model</th>
<th>MShy 648-1 Z</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power / consumption</td>
<td>w 650</td>
</tr>
<tr>
<td>Power / output</td>
<td>w 420</td>
</tr>
<tr>
<td>Idling speed</td>
<td>rpm 6000</td>
</tr>
<tr>
<td>Cable with plug</td>
<td>m 4</td>
</tr>
<tr>
<td>Weight according to EPTA</td>
<td>kg 3.3</td>
</tr>
<tr>
<td>Tool holder</td>
<td></td>
</tr>
<tr>
<td>Collet Ø</td>
<td>mm 8</td>
</tr>
<tr>
<td>Sanding wheel max. Ø</td>
<td>mm 50</td>
</tr>
</tbody>
</table>

230volt only

**High precision**

Multiple-bearing spindle ensures quiet operation and therefore precise working.

**Long service life**

Metal gearbox housing.

**Ergonomic shape**

Narrow, non-slip neck and handle for a secure grip.

**Stable speed**

Speed optimised for machining stainless steel. For satin-finishing and polishing corners and edges.
MShy 648-1 Z

Powerful straight grinder with optimum speed for stainless steel.

Included in price:
1 set of keys

Order number 7 223 13

Accessories

Tool case
Metal, 700 × 180 × 100 mm.

Order number 3 39 01 021 01 1

Sanding disc
50 × 10 × 13 mm

Version Order number
NK 24 (A) 6 37 07 008 00 2
SC 24 (C) 6 37 07 009 00 6

Collet
Insertion depth 30 mm.

Ø mm Order number
3 6 32 07 087 00 1
6 6 32 07 059 00 6
8 6 32 07 069 00 5
¼ 6 32 07 088 00 9

Work arbour
for sanding discs.

Order number 6 38 03 058 01 1
FEIN Straight grinder AHSI 636 c – a little gem from FEIN.

Small but highly versatile: with its extremely compact design the AHSI 636 c is the ideal straight grinder for all corners and edges, for example on hand rails. When you have to work in narrow spaces the small width across the corners is simply unbeatable. It’s versatile, robust and offers good speed stability. The drill chuck allows you to clamp any kind of tool.

Benefits:
- Drill chuck with protective cover.
- Holes in steel up to 4 mm in diameter.
- Small width across corners thanks to offset shape.
- Stable speed for brushing and polishing.
- Tool mounting with gear rim drill chuck up to 10 mm in diameter.

Technical data

<table>
<thead>
<tr>
<th>Model</th>
<th>AHSI 636 C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power / consumption</td>
<td>w</td>
</tr>
<tr>
<td>Power / output</td>
<td>w</td>
</tr>
<tr>
<td>Idling speed</td>
<td>rpm</td>
</tr>
<tr>
<td>Cable with plug</td>
<td>m</td>
</tr>
<tr>
<td>Weight according to EPTA</td>
<td>kg</td>
</tr>
<tr>
<td>Tool holder</td>
<td></td>
</tr>
<tr>
<td>Sanding wheel max. Ø</td>
<td>mm</td>
</tr>
<tr>
<td>Drill type chuck</td>
<td>mm</td>
</tr>
</tbody>
</table>

Stable speed
Specially designed for brushing and polishing tools: uncompromising speed stability.

Long service life
Metal gearbox housing.

Ergonomic shape
Small, compact design prevents fatigue.

Drill chuck for flexibility
Tool holder with key-type drill chuck up to Ø 10 mm for using a wide range of tools with shank.
AHSI 636 C

Speed-stable straight grinder for brushing and polishing.

Included in price:
1 set of keys

Order number 7 223 02

---

**Accessories**

**Tool case**
Plastic, 450 × 310 × 135 mm

Order number 3 39 01 118 01 0

**Plastic box**
Case insert with lockable lid for small parts and accessories, suitable for tool case 3 39 01 118 01 0, max. 5 per case.

Order number 3 39 01 119 00 0

**Work arbour**
for sanding discs.

Order number 6 38 03 058 01 1
Work with extreme precision, even where space is tight: with the FEIN fillet weld sander KS 10-38 E.

With the FEIN fillet weld sander, FEIN completes its range of tools for machining stainless steel surfaces. The small, flat and ergonomic tool precisely and quickly machines fillet welds following metallic assembly. You can use it to level, sand and polish as well as remove scratches and unevenness with precision, right into the smallest angles and corners. The speed can always be perfectly adapted to any application and the genuine FEIN accessories deliver perfect results without the need for rework.

Benefits:
- Flexible use thanks to drive head that can be swivelled without the need for tools.
- Flat design for corners, angles and difficult-to-reach spots.
- Electronic speed adjustment.
- Long belt drive service life thanks to zero-maintenance tensioning system.
- Made in Germany quality

Technical data

<table>
<thead>
<tr>
<th>Model</th>
<th>KS 10-38 E</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated input w</td>
<td>800</td>
</tr>
<tr>
<td>Speed rpm</td>
<td>1350 – 3750</td>
</tr>
<tr>
<td>Max. peripheral speed m/sec</td>
<td>29.5 (at 3750 rpm)</td>
</tr>
<tr>
<td>Weight (EPTA) kg</td>
<td>3.2</td>
</tr>
<tr>
<td>Tool diameter mm</td>
<td>150</td>
</tr>
</tbody>
</table>

Comfortable
- Patent-pending spindle lock for quick tool changes.

Compact
- Flat head with a height of just 33 mm.

Flexible
- Drive head can be swivelled without the need for tools.

Zero-maintenance
- Robust, zero-maintenance belt tensioning system.

Practical
- H07-quality 4 m cable for working at long range.

Enduring
- Powerful 800 W tool unit for low heat build-up even during continuous use.

Low-vibration
- With anti-vibration handle as standard.

Safe
- Spark hood can be adjusted and removed without the need for tools.
The basic equipment you’ll need for working in difficult-to-reach spots when removing tarnishing from fillet welds, sand fillet welds, level contours and satin-finish.

- Fillet weld sander KS 10-38 E in plastic case
- Medium fleece discs, Ø 150mm, one 3 mm thick and one 6 mm thick
- Fine fleece discs, Ø 150mm, one 3 mm thick and one 6 mm thick
- Profiling stone for profiling the fleece discs

FEIN fillet weld sander KS 10-38 E set

The basic equipment you’ll need for working in difficult-to-reach spots when removing tarnishing from fillet welds, sand fillet welds, level contours and satin-finish.

<table>
<thead>
<tr>
<th>Accessories</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Coarse fleece disc, Ø 150 mm</strong></td>
<td></td>
</tr>
<tr>
<td>Thickness mm</td>
<td>No. in pack</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>6</td>
<td>1</td>
</tr>
<tr>
<td><strong>Medium fleece disc, Ø 150 mm</strong></td>
<td></td>
</tr>
<tr>
<td>Thickness mm</td>
<td>No. in pack</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>6</td>
<td>1</td>
</tr>
<tr>
<td><strong>Very fine fleece disc, Ø 150 mm</strong></td>
<td></td>
</tr>
<tr>
<td>Thickness mm</td>
<td>No. in pack</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>6</td>
<td>1</td>
</tr>
<tr>
<td><strong>Fine fleece disc, Ø 150 mm</strong></td>
<td></td>
</tr>
<tr>
<td>Thickness mm</td>
<td>No. in pack</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>6</td>
<td>1</td>
</tr>
<tr>
<td><strong>Felt disc, Ø 150 mm</strong></td>
<td></td>
</tr>
<tr>
<td>Thickness mm</td>
<td>No. in pack</td>
</tr>
<tr>
<td>6</td>
<td>1</td>
</tr>
<tr>
<td><strong>Profiling stone</strong></td>
<td></td>
</tr>
<tr>
<td>Order number</td>
<td>6 37 19 011 01 0</td>
</tr>
<tr>
<td><strong>Colouring paste, white</strong></td>
<td>For colouring and high-gloss polishing in conjunction with the felt disc.</td>
</tr>
<tr>
<td>Order number</td>
<td>6 37 26 009 01 6</td>
</tr>
<tr>
<td><strong>Vienna chalk</strong></td>
<td>Stainless steel cleaning powder to remove polishing paste and fingerprints, 1 kg.</td>
</tr>
<tr>
<td>Order number</td>
<td>6 37 26 007 01 4</td>
</tr>
<tr>
<td><strong>Microfibre cloth</strong></td>
<td>Fine weave quality for cleaning polishing residue. Seam-free version means no scratches and no lint.</td>
</tr>
<tr>
<td>Order number</td>
<td>6 37 33 003 01 0</td>
</tr>
</tbody>
</table>
Compact, light and ergonomic: the FEIN RS 10-70 E pipe sander.

The pipe sander for all standard uprights and hand rails. Ideal for machining pipes and pipe bends. From cleaning off dirt, removing tarnishing, sanding fine welded seams and satin-finish to polishing preparations and polishing to a mirror finish. The sander is small and easy to use. It’s fitted with a drive head which can swivel almost 360° to enable comfortable use, even in tight spaces. The sander is very flexible and can be variably adapted to different pipe diameters or sanding belts.

**Benefits:**
- Simple handling.
- Reliable belt guidance.
- Low weight.
- Continuously adjustable speed.
- Dustproof ball bearing.

**Technical data**

<table>
<thead>
<tr>
<th>Model</th>
<th>RS 10-70 E</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power consumption</td>
<td>w</td>
</tr>
<tr>
<td>Output power</td>
<td>w</td>
</tr>
<tr>
<td>Belt length</td>
<td>mm</td>
</tr>
<tr>
<td>Belt width</td>
<td>mm</td>
</tr>
<tr>
<td>Speed</td>
<td>rpm</td>
</tr>
<tr>
<td>Belt speed</td>
<td>m/s</td>
</tr>
<tr>
<td>Min. distance from wall</td>
<td>mm</td>
</tr>
<tr>
<td>Dimensions L × W × H</td>
<td>mm</td>
</tr>
<tr>
<td>Pipe diameter</td>
<td>mm</td>
</tr>
<tr>
<td>Cable length</td>
<td>m</td>
</tr>
<tr>
<td>Weight according to EPTA</td>
<td>kg</td>
</tr>
</tbody>
</table>

**User-friendly**
Drive head can be swivelled almost 360°.

**Comfortable**
Tool-free belt change and automatic belt adjustment.

**Saves energy**
Clasping angle of up to 180° for an economical sanding result.

**Powerful**
FEIN 800 W high-power motor designed for continuous use.

**Variable**
The speed range can be set differently for grinding, fleece and polishing belts.

**Flexible**
Grinding belts can be adjusted to pipe diameters of up to 45 mm.
FEIN RS 10-70 E starter set

The starter set covers all standard applications for pipes and pipe bends: cleaning, removing tarnishing and scratches, removing welded seams, creating sanding patterns and achieving a high-quality satin finish.

- Tool in case
- 10 ceramic sanding belts, grit 120
- 10 ceramic sanding belts, grit 180
- 5 fleece belts, fine

Order number 7 221 66 60

RS 10-70 E

Compact pipe sander for pipe bends, pipes and uprights 8 mm - 45 mm in diameter.

Order number 7 221 66 60

Accessories

Grinding belts
Highly flexible sanding belts, ideal for sanding pipe bends.

<table>
<thead>
<tr>
<th>Grit</th>
<th>No. in pack</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>80</td>
<td>10</td>
<td>6 37 14 136 01 0</td>
</tr>
<tr>
<td>120</td>
<td>10</td>
<td>6 37 14 137 01 0</td>
</tr>
<tr>
<td>180</td>
<td>10</td>
<td>6 37 14 138 01 0</td>
</tr>
<tr>
<td>320</td>
<td>10</td>
<td>6 37 14 139 01 0</td>
</tr>
<tr>
<td>400</td>
<td>10</td>
<td>6 37 14 140 01 0</td>
</tr>
</tbody>
</table>

Fleece belts
Very soft version for smooth surfaces, even with tight pipe bends.

<table>
<thead>
<tr>
<th>Version</th>
<th>No. in pack</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>coarse</td>
<td>5</td>
<td>6 37 14 141 01 0</td>
</tr>
<tr>
<td>medium</td>
<td>5</td>
<td>6 37 14 142 01 0</td>
</tr>
<tr>
<td>fine</td>
<td>5</td>
<td>6 37 14 143 01 0</td>
</tr>
</tbody>
</table>

Pre-polishing cream, red
For pre-polishing in conjunction with polishing belts.

Order number 6 37 26 008 01 2

Polishing belts
30 × 533 mm, very soft version for smooth mirror finish, even with tight pipe bends, 3 in pack.

Order number 6 37 14 144 01 0

Colouring paste, white
For colouring and high-gloss polishing in conjunction with polishing belts.

Order number 6 37 26 009 01 6

Microfibre cloth

Order number 6 37 33 003 01 0

Tool case
Without contents, for RS 10-70 E and KS 10-38 E.

Order number 3 39 01 130 05 0
FEIN Pipe sander RS 12-70 E – the easy way to handle tight curves.

The RS 12-70 E can be easily manoeuvred around tight curves and enables you to rework ready-fitted hand rails. With infinitely variable speed it’s ideal for sanding, satin-finishing and high-gloss polishing. Its flexible sanding belts adapt optimally to even the tightest pipe bends.

**Benefits:**
- Flexible grinding belts optimally adapt to even tight pipe bends, creating smooth surfaces without awkward transitions.
- 360° peripheral sanding in just 2 steps.
- Optional guide pulleys for working close to the wall.
- Wide range of accessories.
- Dustproof ball bearings.

**Long service life**
Metal gearbox, metal sanding arms and dustproof ball bearing.

**Rapid progress of work**
360° peripheral sanding in just 2 steps.

**Reliable belt guidance**
The belts are guided safely by the stepped rollers.

**High-power-motor**
Effective material removal over the full working range and load of up to 150%.

**Optimum cutting speed**
- Effective sanding of welded seams thanks to optimum cutting speeds.
- Infinitely variable speed for sanding, satin-finishing and high-gloss polishing of ready-fitted hand rails.

**Technical data**

<table>
<thead>
<tr>
<th>Model</th>
<th>RS 12-70 E</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power / consumption w</td>
<td>1200</td>
</tr>
<tr>
<td>Power / output w</td>
<td>750</td>
</tr>
<tr>
<td>Idling speed rpm</td>
<td>2700 – 7000</td>
</tr>
<tr>
<td>Belt speed m/sec</td>
<td>22</td>
</tr>
<tr>
<td>Minimum distance from wall mm</td>
<td>50</td>
</tr>
<tr>
<td>Weight according to EPTA kg</td>
<td>3.8</td>
</tr>
<tr>
<td>Cable with plug m</td>
<td>4</td>
</tr>
<tr>
<td>Pipes up to Ø mm</td>
<td>8 – 80</td>
</tr>
</tbody>
</table>
**FEIN RS 12-70 E starter set**

The starter set covers all standard applications for pipes and pipe bends: cleaning, removing mill scale and scratches, creating sanding pattern and achieving a high-quality satin finish.

- 2 × 10 sanding belts 20 × 815 mm P120 / P180
- 2 × 10 sanding belts 40 × 815 mm P120 / P180
- 5 fleece belts 20 × 820 mm, very fine
- 1 Tool case

**Order number** 7 221 13 51

---

**RS 12-70 E**

Pipe sander for tight bends with infinitely variable speed for sanding, satin-finishing and high-gloss polishing. Supplied in box without accessories.

**Basic pipe sander set**

Cleaning off dirt, removing scratches and achieving a perfect satin finish

Also included:
- 2 × 10 sanding belts, 20 × 815 mm, P120 / P180
- 2 × 10 sanding belts, 40 × 815 mm, P120 / P180
- 5 fleece belts, 20 × 820 mm, fine 280

**Order number** 7 221 13 50

**Pipe sander polishing set**

From preparing to polish to achieving a perfect mirror polish

Also included:
- 2 × 10 sanding belts, 20 × 815 mm, P320 / P400
- 1 × 3 polishing belts, 20 × 815 mm
- 1 tube pre-polishing cream, red (200 ml)
- 1 tube colouring paste, white (200 ml)

**Order number** 6 37 14 052 02 3
Ceramic sanding belts
Maximum material removal and very long service life. Also suitable for removing fine welded seams.

**Maße No. in pack Order number**
- 20 × 815 mm 10 6 37 14 130 01 0
- 40 × 815 mm 10 6 37 14 131 01 0

Sanding belts
Highly flexible sanding belts, ideal for sanding pipe bends.

**20 × 815 mm**

<table>
<thead>
<tr>
<th>Grit</th>
<th>No. in pack</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>120</td>
<td>10</td>
<td>6 37 14 050 01 5</td>
</tr>
<tr>
<td>180</td>
<td>10</td>
<td>6 37 14 051 01 4</td>
</tr>
<tr>
<td>320</td>
<td>10</td>
<td>6 37 14 052 01 7</td>
</tr>
<tr>
<td>400</td>
<td>10</td>
<td>6 37 14 053 01 1</td>
</tr>
</tbody>
</table>

Polishing belts
20 × 815 mm, very soft version, for smooth mirror polish even with tight pipe bends, 3 in pack.

**20 × 815 mm**

<table>
<thead>
<tr>
<th>Version</th>
<th>No. in pack</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>coarse</td>
<td>5</td>
<td>6 37 14 056 01 6</td>
</tr>
<tr>
<td>medium</td>
<td>5</td>
<td>6 37 14 057 01 0</td>
</tr>
<tr>
<td>fine</td>
<td>5</td>
<td>6 37 14 058 01 8</td>
</tr>
</tbody>
</table>

Pre-polishing cream, red
For pre-polishing in conjunction with polishing belts.

**Order number** 6 37 26 008 01 2

Colouring paste, white
For colouring and high-gloss polishing in conjunction with polishing belts.

**Order number** 6 37 26 009 01 6

Polishing belts, pack of 3
Very soft version, for smooth mirror polish even with tight pipe bends.

**20 × 815 mm**

<table>
<thead>
<tr>
<th>Version</th>
<th>No. in pack</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>coarse</td>
<td>5</td>
<td>6 37 14 056 01 6</td>
</tr>
<tr>
<td>medium</td>
<td>5</td>
<td>6 37 14 057 01 0</td>
</tr>
<tr>
<td>fine</td>
<td>5</td>
<td>6 37 14 058 01 8</td>
</tr>
</tbody>
</table>

Guide pulley
For narrow spaces (distance from wall 50 mm). Pulleys with ball bearings. Pack of 2.

**Order number** 3 13 35 017 01 1

Vienna chalk

**Order number** 6 37 26 007 01 4

Microfibre cloth

**Order number** 6 37 33 003 01 0

Pre-polishing cream, red
For pre-polishing in conjunction with polishing belts.

**Order number** 6 37 26 008 01 2

Colouring paste, white
For colouring and high-gloss polishing in conjunction with polishing belts.

**Order number** 6 37 26 009 01 6

Stepped guide roller for RS 12-70 E
Two rollers are required for conversion. Supplied without ball bearings. Pack of 1.

**Order number** 6 37 26 010 01 8

Vienna chalk

**Order number** 3 13 35 019 01 0

Ball bearing
For guide rollers RS12-70 E. Pack of 1.

**Order number** 4 17 01 004 03 7
Small, easy to operate and incredibly powerful: the FEIN BF 10-280 E belt sander.

Whether you’re smoothing edges, deburring sheet metal or sanding welded seams, professional surface finishing needs to be flexible yet economic. You need tools which deliver perfect results even in tight spaces or on workpieces which are already in place. The new powerful FEIN BF 10-280 E makes light work of the numerous demands made of it. It is impressively easy to use, delivers incredible power and enjoys a long life.

Benefits:
- Maximum material removal in the tightest of spaces.
- Maximum plunge depth in workpiece of up to 165 mm.
- For belt widths of between 3 and 20 mm.
- Ideal for constructions which are already fitted, such as hand rails etc.
- Reliable belt guidance even with narrow belts.

Technical data

<table>
<thead>
<tr>
<th>Model</th>
<th>BF 10-280 E</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated input</td>
<td>w 800</td>
</tr>
<tr>
<td>Output power</td>
<td>w 550</td>
</tr>
<tr>
<td>Belt length</td>
<td>mm 520</td>
</tr>
<tr>
<td>Belt width</td>
<td>mm 3/6/20</td>
</tr>
<tr>
<td>Speed</td>
<td>rpm 10000–28000</td>
</tr>
<tr>
<td>Belt speed</td>
<td>m/s 12–32</td>
</tr>
<tr>
<td>Weight according to EPTA</td>
<td>kg 2.1</td>
</tr>
<tr>
<td>Cable</td>
<td>m 4</td>
</tr>
<tr>
<td>Dimensions L × W × H</td>
<td>mm 522 × 118 × 69</td>
</tr>
<tr>
<td>Plunge depth</td>
<td>mm 165</td>
</tr>
</tbody>
</table>
The FEIN BF 10-280 E starter set equips you for all important applications when machining corners, edges, pipes and profiles. Perfectly matched accessories are available for special tasks.

- 1 BF 10-280 E tool in plastic case
- 3 grinding arms (1 each of 3/6 mm stepped, 6 mm straight, 20 mm straight)
- 10 grinding belts 3 mm, grit 120
- 10 grinding belts 6 mm, grit 120
- 10 grinding belts 20 mm, grit 120
- 5 fleece belts 6 mm (medium)

**BF 10-280 E**

- Powerful belt sander for flexible use. Drive head can be swivelled 180° without the need for tools. Supplied in box without accessories.

**Accessories**

**Ceramic grinding belt**
Maximum material removal and very long service life. Also suitable for removing fine welded seams, 10 in pack.

<table>
<thead>
<tr>
<th>Width × Length (mm)</th>
<th>Grit</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 × 520</td>
<td>80</td>
<td>6 37 14 061 01 0</td>
</tr>
<tr>
<td>3 × 520</td>
<td>120</td>
<td>6 37 14 062 01 0</td>
</tr>
<tr>
<td>3 × 520</td>
<td>180</td>
<td>6 37 14 063 01 0</td>
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<tr>
<td>6 × 520</td>
<td>80</td>
<td>6 37 14 068 01 0</td>
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<tr>
<td>6 × 520</td>
<td>120</td>
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<td>6 × 520</td>
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<td>20 × 520</td>
<td>80</td>
<td>6 37 14 089 01 0</td>
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<tr>
<td>20 × 520</td>
<td>120</td>
<td>6 37 14 090 01 0</td>
</tr>
<tr>
<td>20 × 520</td>
<td>180</td>
<td>6 37 14 091 01 0</td>
</tr>
</tbody>
</table>

**Polishing belt**
Soft version for smooth mirror polish. 3 in pack.

<table>
<thead>
<tr>
<th>Width × Length (mm)</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 × 520</td>
<td>6 37 26 016 01 0</td>
</tr>
<tr>
<td>20 × 520</td>
<td>6 37 26 019 01 0</td>
</tr>
</tbody>
</table>

**Fleece belt**
Soft version for smooth surfaces. 5 in pack.

<table>
<thead>
<tr>
<th>Width × Length (mm)</th>
<th>Version</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 × 520</td>
<td>coarse</td>
<td>6 37 14 114 01 0</td>
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<tr>
<td>6 × 520</td>
<td>medium</td>
<td>6 37 14 115 01 0</td>
</tr>
<tr>
<td>6 × 520</td>
<td>fine</td>
<td>6 37 14 116 01 0</td>
</tr>
<tr>
<td>20 × 520</td>
<td>coarse</td>
<td>6 37 14 123 01 0</td>
</tr>
<tr>
<td>20 × 520</td>
<td>medium</td>
<td>6 37 14 124 01 0</td>
</tr>
<tr>
<td>20 × 520</td>
<td>fine</td>
<td>6 37 14 125 01 0</td>
</tr>
</tbody>
</table>

**Pre-polishing cream, red**
For pre-polishing in conjunction with polishing belts.

| Order number | 6 37 26 008 01 2 |

**Colouring paste, white**
For colouring and high-gloss polishing in conjunction with polishing belts.

| Order number | 6 37 26 009 01 6 |

**Vienna chalk**
Stainless steel cleaning powder to remove polishing paste and fingerprints, 1 kg.

| Order number | 6 37 26 007 01 4 |

**Microfibre cloth**
Fine weave quality for cleaning polishing residue. Seam-free version means no scratches and no lint.

| Order number | 6 37 33 003 01 0 |
FEIN GRIT belt grinders – one system, a wealth of possibilities.

Developing solutions to metal machining problems is one of FEIN’s core competencies. GRIT has been setting the standard in belt grinders for 25 years. In acquiring the GRIT brand, FEIN is continuing to expand its expertise in this area. Users benefit from the combined know-how of two leading brand-name manufacturers. GRIT by FEIN stands for belt grinders that are optimally adapted to your application. There are two GRIT systems to satisfy all requirements: GRIT GX for use in the workshop and the exceptionally powerful and heavy-duty GRIT GI system for industrial use. Both GRIT systems are based on the unique, modular ‘building block’ concept. The benefits: powerful basic belt grinders and add-on modules for specific applications, covering every imaginable task in manual trades and industry.
GRIT GX – for use in the workshop.

**Belt grinder GRIT GX 75 2H**

*BELT GRINDER (BASIC UNIT)*

GX 75 2H  7 901 02

**Radius grinder GRIT GX 75 2H + GRIT GXR**

*CENTRELESS GRINDER (BASIC UNIT)*

GX 75 2H  7 901 02

**Centreless grinder GRIT GX 75 2H + GRIT GXC + GRIT GXW**

*CENTRELESS GRINDER (BASIC UNIT)*

GX 75 2H  7 901 02

**Deburring machine GRIT GXE + GRIT GIXS/GIXBE**

*DEBURRING MACHINE (BASIC UNIT)*

GX 75 2H  7 901 02

**Machine base**

GXE  7 901 05

GIXS  9 90 01 002 00 0

GIXBE  9 90 01 009 00 0

**Cooling lubricant module**

GXW  7 901 04
Belt grinder GRIT GX 75 2H.

The powerful belt grinder in the two-speed version is the basis of the modular GX range and can also be used on its own as a fully functional belt grinder. The two-speed feature makes it ideal for machining stainless steel. Using the various add-on modules, you can convert your basic machine into a radius or centreless grinder in a few quick steps.

Benefits:
- Effective material removal in a short space of time.
- Accurate working thanks to patented belt tensioning system.
- Highly cost-effective as no special machinery is required.
- Can also be used on its own without add-on modules.

Technical data

<table>
<thead>
<tr>
<th>Model</th>
<th>GX 75 2H</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power / consumption</td>
<td>kW</td>
</tr>
<tr>
<td>Idling speed</td>
<td>rpm</td>
</tr>
<tr>
<td>Belt speed</td>
<td>m/s</td>
</tr>
<tr>
<td>Belt dimensions</td>
<td>mm</td>
</tr>
<tr>
<td>Weight according to EPTA</td>
<td>kg</td>
</tr>
</tbody>
</table>

Ergonomic
- Tried-and-tested design in accordance with ergonomic criteria for ease of use.

Convenient
- With adjustable working height (77 cm – 100 cm) for a natural posture.

Practical
- Swarf container can be removed without tools.

Powerful
- High motor power with constant speed.

Variable
- Ideal for machining stainless steel: GRIT GX 75 2H with two speeds (1500 / 3000 rpm).

Safe
- High level of working safety thanks to base screw connections and protective equipment.
Belt grinder
GRIT GX 75 2H

Universal belt grinder, can be expanded through the use of modules, for metalworking manual trades, ideal for machining stainless steel in small-scale volume production.

Order number 7 901 02

Add-on module

Radius grinding module
GXR

Radius grinding module for accurate grinding of pipes and profiles for handrail construction. In a few simple steps, the addition of the GXR module transforms the GX 75 2H belt grinder into a professional radius grinder equipped as standard with depth stop, cross slide and quick clamping system. This makes precise grinding not only straightforward but also much more comfortable.

Centreless grinding module
GXC

Centreless grinding module for perfect surfaces on stainless steel pipes. The GXC centreless grinding module also offers excellent efficiency and flexibility when it comes to grinding the outside of pipes in automated production lines. It allows you to achieve perfect surfaces with minimal effort.

Technical data
Model GXR
Pipes up to Ø mm 16 – 75
Dimensions of profiles/ flat material max. mm 75 x 75
Belt dimensions mm 75 x 2250
Weight according to EPTA kg 54
Order number 9 901 001 00 0

Cooling lubricant module
GXW

In combination with the GXC, significantly reduces heat build-up while binding swarf.

Technical data
Model GXW
Power / consumption kW 0.12
Weight according to EPTA kg 8.6
Order number 7 901 04

Deburring machine
GX E

Effective deburring machine for small-scale volume production. The GXE deburring machine takes care of the last step in the process. It's extremely effective at deburring pipes, profiles and flat materials.

Technical data
Model GXE
Power kW 2.2
Idling speed rpm 1500
Tool dimensions max. Ø x width mm 250 x 60
Weight according to EPTA kg 32
Order number 7 901 05

Machine bases
GIXS / GIXBE

Both machine bases, either with or without dust extraction, are ideal for the GXE deburring machine.

Technical data
Model GIXS
Dimensions mm 304 x 356 x 769
Weight according to EPTA kg 18
Order number 9 901 002 00 0

Technical data
Model GIXBE
Power kW 0.37
Max. vacuum mbar 2.65
Dimensions mm 305 x 575 x 700
Weight according to EPTA kg 58
Order number 9 900 009 00 0

Technical data
Model GXR
Pipes up to Ø mm 16 – 75
Dimensions of profiles/ flat material max. mm 75 x 75
Belt dimensions mm 75 x 2250
Weight according to EPTA kg 54
Order number 9 901 001 00 0

Technical data
Model GXW
Power / consumption kW 0.12
Weight according to EPTA kg 8.6
Order number 7 901 04

Technical data
Model GXE
Power kW 2.2
Idling speed rpm 1500
Tool dimensions max. Ø x width mm 250 x 60
Weight according to EPTA kg 32
Order number 7 901 05

Technical data
Model GIXS
Dimensions mm 304 x 356 x 769
Weight according to EPTA kg 18
Order number 9 901 002 00 0

Technical data
Model GIXBE
Power kW 0.37
Max. vacuum mbar 2.65
Dimensions mm 305 x 575 x 700
Weight according to EPTA kg 58
Order number 9 900 009 00 0
### GRIT GX – ACCESSORIES

#### GRIT GX 75 2H accessories

**Graphite coating**
As sliding base for surface grinding, 5 in pack.  
Order number 3 90 00 000 00 1

**Contact wheel**  
Hardness, 80 shore.  
Order number 3 90 00 000 00 5

**Eye guard**  
Acrylic glass plate for protection against flying sparks, 3 in pack.  
Order number 3 90 00 000 00 4

#### GRIT GX accessories

**Stainless steel clamping jaw**  
Interchangeable, for vice when machining stainless steel, 1 in pack.  
Order number 6 99 02 004 00 0

**Length stop**  
1000 mm long, continuously variable, easy to fit.  
Order number 6 99 02 001 00 0

**Contact rollers**  
Easy to fit, ball bearings on both sides.  
Order number 6 99 02 020 00 0

<table>
<thead>
<tr>
<th>Ø mm</th>
<th>Order number</th>
</tr>
</thead>
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</tr>
<tr>
<td>17.0</td>
<td>6 99 02 021 00 0</td>
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<tr>
<td>17.2</td>
<td>6 99 02 022 00 0</td>
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<td>18.0</td>
<td>6 99 02 023 00 0</td>
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<td>19.0</td>
<td>6 99 02 024 00 0</td>
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<td>20.0</td>
<td>6 99 02 025 00 0</td>
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<td>21.0</td>
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<td>24.5</td>
<td>6 99 02 034 00 0</td>
</tr>
<tr>
<td>25.0</td>
<td>6 99 02 035 00 0</td>
</tr>
</tbody>
</table>

#### GRIT GXR accessories

**Eye guard**  
Acrylic glass plate for protection against flying sparks, 3 in pack.  
Order number 3 90 00 000 00 7

**Water container**  
Plastic, for extinguishing sparks, with handles on the sides, capacity approx. 20 l.  
Order number 3 90 00 000 48 5

**Connecting piece**  
Required to adapt the GRIT GXR module to a belt grinder in the GRIT GI range.  
Order number 6 99 02 186 00 0

#### GRIT GXC accessories

**Guide rail, brass**  
For dry grinding and coarse material surfaces.  
Order number 3 90 00 000 00 6

**Guide rail, nylon**  
For high surface quality  
Order number 3 90 00 000 00 7

**Connecting piece**  
Required to adapt the GRIT GXC module to a belt grinder in the GRIT GI range.  
Order number 6 99 02 187 00 0

#### GRIT GXRW accessories

**Cooling lubricant emulsion**  
Concentrate, 10 l, mixing ratio 1:30, yields 300 l of ready-to-use cooling lubricant.  
Order number 6 99 02 100 00 0

#### Other GRIT GX accessories

**Flexible hose**  
For swarf extraction, 90 mm in diameter, 1 m long, steel, high level of heat resistance.  
Order number 3 90 00 000 00 2

**Tensioning belt**  
For securing the flexible hose.  
Order number 3 90 00 000 00 3

**Dust container**  
For extinguishing sparks, metal lid for hose connection, plastic, handles on the sides, capacity approx. 20 l.  
Order number 6 99 02 000 00 0

#### Abrasive material

See page 51

#### Wire thickness

<table>
<thead>
<tr>
<th>Wire thickness mm</th>
<th>Order number</th>
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</thead>
<tbody>
<tr>
<td>0.20</td>
<td>6 99 02 009 00 0</td>
</tr>
<tr>
<td>0.35</td>
<td>6 99 02 010 00 0</td>
</tr>
</tbody>
</table>

**Eye guard**  
Acrylic glass plate for protection against flying sparks, 3 in pack.  
Order number 3 90 00 000 00 4
GRIT GI – for industrial use.

**Belt grinder GRIT GI 75 2H/GI 150 2H + GRIT GIB/GIBE**

Belt grinder

Belt grinder (basic unit)

Machine base

GI 75 2H
GI 150 2H
7 902 02
7 902 05

GIB
GIBE
9 90 01 003 00 0
9 90 01 004 00 0

**Radius grinder GRIT GI 150 2H + GRIT GIB/GIBE + GRIT GIR**

Radius grinder

Belt grinder (basic unit)

Machine base

Radius grinding module

GI 150 2H
7 902 05

GIB
GIBE
9 90 01 003 00 0
9 90 01 004 00 0

GIR
9 90 01 007 00 0

**Longitudinal grinder GRIT GI 150 2H + GRIT GIB/GIBE + GRIT GIL**

Longitudinal grinder

Belt grinder (basic unit)

Machine base

Longitudinal grinding module

GI 150 2H
7 902 05

GIB
GIBE
9 90 01 003 00 0
9 90 01 004 00 0

GIL
7 902 08

**Centreless grinder GRIT GI 75 2H/GI 150 2H + GRIT GIB + GRIT GIC + GRIT GXW**

Centreless grinder

Belt grinder (basic unit)

Machine base

Rotary grinding

Cooling lubricant module

GI 75 2H
GI 150 2H
7 902 02
7 902 05

GIB
9 90 01 003 00 0

GIC
7 902 12

GXW
7 901 04

**Deburring machine GRIT GIE + GRIT GIXS/GIXBE**

Deburring machine

Deburring machine (basic unit)

Machine base

GIE
7 902 07

GIXS
GIXBE
9 90 01 002 00 0
9 90 01 009 00 0
Belt grinders
GRIT GI 75 2H / GI 150 2H.

The basic equipment for industrial belt grinding: GRIT GI belt grinders. Every component is specially designed to cope with tough professional use while the exceedingly powerful motor keeps the speed constant and delivers high cutting power. GRIT GI belt grinders are available in widths of 75 mm and 150 mm and in a two-speed version. Specially designed for machining stainless steel.

Benefits:
► Reliable in use at all times, even under the toughest conditions.
► Easy to convert to a radius, centreless or surface grinder.
► Optional extraction system connection for clean working.
► S1 motors for continuous use.

Flexible
Can be adjusted for continuous linear grinding.

Powerful
Constant speed and high cutting power, even in continuous use.

Variable
Available with 2 speeds and different belt widths (75 mm or 150 mm).

Safe
Stop, safety gap and individually adjustable eye guard.

Ergonomic
Adjustable working height (77 cm – 100 cm), height-adjustable support.

Convenient
Low-vibration, patented belt tensioning system.

Technical data

<table>
<thead>
<tr>
<th>Model</th>
<th>GI 75 2H</th>
<th>GI 150 2H</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power / consumption kW</td>
<td>2.6 – 3.1</td>
<td>2.6 – 3.1</td>
</tr>
<tr>
<td>Idling speed rpm</td>
<td>1500 / 3000</td>
<td>1500 / 3000</td>
</tr>
<tr>
<td>Belt speed m/s</td>
<td>15 / 30</td>
<td>15 / 30</td>
</tr>
<tr>
<td>Belt dimensions mm</td>
<td>75 x 2000</td>
<td>150 x 2000</td>
</tr>
<tr>
<td>Weight according to EPTA kg</td>
<td>65</td>
<td>82</td>
</tr>
</tbody>
</table>
Belt grinders

-add-on modules

Radius grinding module GIR
Radius grinding module for accurate grinding on pipes and profiles in volume production applications – also suitable for extra-wide cross-sections. Optimised for industrial use.

Technical data
Model GIR
Pipes up to Ø mm 20 – 150
Dimensions of profiles / flat material max. mm 120 × 150
Belt dimensions mm 150 × 2250
Weight according to EPTA kg 109
Order number 9 90 01 007 00 0

Centreless grinding module GIC
Centreless grinding module for industrial centreless grinding in volume production. Suitable for all centreless grinding tasks, such as finish grinding on straight pipes and round materials.

Technical data
Model GIC
Pipes up to Ø mm 10 – 130
Belt dimensions mm 75 × 2000
150 × 2000
Weight according to EPTA kg 65
Variable feed m/min 0 – 2
Order number 7 902 12

Longitudinal grinding module GIL
Surface grinding module for perfect longitudinal grinding of square pipes, profiles and flat materials in automated production. The indispensable tool for machine and handrail construction and welded structures: it is the only system on the market to feature automated infeed for longitudinal grinding.

Technical data
Model GIL
Power / consumption kW 0.18
Dimensions of profiles / flat material max. mm 100 × 100
Belt dimensions mm 150 × 2000
Weight according to EPTA kg 64
Order number 7 902 08

Machine bases GIB/GIBE

Add-on modules

Universal high-torque belt grinder, can be expanded through the use of modules, for industrial and volume production applications, ideal for machining stainless steel.

Order number
GI 75 2H 7 902 03
GI 150 2H 7 902 05

Machine base without dust extraction.

Order number 9 90 01 003 00 0

Machine base with dust extraction.

Order number 9 90 01 004 00 0

Deburring machine GIE
Extremely effective deburring machine for deburring extra-wide workpieces in industrial volume production. The GIE deburrs stainless steel workpieces quickly and effectively. The robust design and powerful drive make this machine ideal for industrial use.

Technical data
Model GIE
Power / consumption kW 1.5 / 2.0
Speed rpm 1500 / 3000
Tool width mm 2 × 60
Max. tool diameter mm 250
Weight according to EPTA kg 34
Order number 7 902 07

Deburring machine GIE Add-on modules
### Deburring machine GIE

#### Machine bases GIXS/GIXBE
Both machine bases, either with or without dust extraction, are ideal for the deburring machine GIE. Quick to fit, built to last and extremely stable.

![Machine base without dust extraction](image1.png) ![Machine base with dust extraction](image2.png)

#### Technical data

<table>
<thead>
<tr>
<th>Model</th>
<th>GIXS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions (mm)</td>
<td>304×356×769</td>
</tr>
<tr>
<td>Weight according to EPTA (kg)</td>
<td>18</td>
</tr>
<tr>
<td>Order number</td>
<td>9 90 01 002 00 0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Model</th>
<th>GIXBE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power (kW)</td>
<td>0.77</td>
</tr>
<tr>
<td>Max. vacuum (mbar)</td>
<td>2.65</td>
</tr>
<tr>
<td>Dimensions (mm)</td>
<td>305×575×700</td>
</tr>
<tr>
<td>Weight according to EPTA (kg)</td>
<td>58</td>
</tr>
<tr>
<td>Order number</td>
<td>9 90 01 009 00 0</td>
</tr>
</tbody>
</table>

#### GIC accessories

##### Contact rollers
Long service lives, low roll resistance thanks to high-quality ball bearings, easy to interchange.

<table>
<thead>
<tr>
<th>Ø (mm)</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>20.0</td>
<td>6 99 02 101 00 0</td>
</tr>
<tr>
<td>22.0</td>
<td>6 99 02 102 00 0</td>
</tr>
<tr>
<td>25.0</td>
<td>6 99 02 103 00 0</td>
</tr>
<tr>
<td>25.4</td>
<td>6 99 02 104 00 0</td>
</tr>
<tr>
<td>26.9</td>
<td>6 99 02 105 00 0</td>
</tr>
<tr>
<td>28.0</td>
<td>6 99 02 106 00 0</td>
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<tr>
<td>30.0</td>
<td>6 99 02 107 00 0</td>
</tr>
<tr>
<td>32.0</td>
<td>6 99 02 108 00 0</td>
</tr>
<tr>
<td>33.7</td>
<td>6 99 02 109 00 0</td>
</tr>
<tr>
<td>35.0</td>
<td>6 99 02 110 00 0</td>
</tr>
<tr>
<td>38.0</td>
<td>6 99 02 111 00 0</td>
</tr>
<tr>
<td>38.1</td>
<td>6 99 02 112 00 0</td>
</tr>
<tr>
<td>38.3</td>
<td>6 99 02 113 00 0</td>
</tr>
<tr>
<td>40.0</td>
<td>6 99 02 114 00 0</td>
</tr>
<tr>
<td>42.4</td>
<td>6 99 02 115 00 0</td>
</tr>
<tr>
<td>44.5</td>
<td>6 99 02 116 00 0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ø mm</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>48.3</td>
<td>6 99 02 117 00 0</td>
</tr>
<tr>
<td>50.0</td>
<td>6 99 02 118 00 0</td>
</tr>
<tr>
<td>50.8</td>
<td>6 99 02 119 00 0</td>
</tr>
<tr>
<td>60.0</td>
<td>6 99 03 120 00 0</td>
</tr>
<tr>
<td>60.3</td>
<td>6 99 02 121 00 0</td>
</tr>
<tr>
<td>63.5</td>
<td>6 99 02 122 00 0</td>
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<tr>
<td>69.0</td>
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<tr>
<td>76.1</td>
<td>6 99 02 124 00 0</td>
</tr>
<tr>
<td>76.2</td>
<td>6 99 02 125 00 0</td>
</tr>
<tr>
<td>84.0</td>
<td>6 99 02 126 00 0</td>
</tr>
<tr>
<td>88.9</td>
<td>6 99 02 127 00 0</td>
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<td>101.6</td>
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<td>104.0</td>
<td>6 99 02 129 00 0</td>
</tr>
<tr>
<td>108.0</td>
<td>6 99 02 130 00 0</td>
</tr>
<tr>
<td>114.3</td>
<td>6 99 02 131 00 0</td>
</tr>
<tr>
<td>133.0</td>
<td>6 99 02 132 00 0</td>
</tr>
<tr>
<td>139.7</td>
<td>6 99 02 133 00 0</td>
</tr>
<tr>
<td>168.3</td>
<td>6 99 02 134 00 0</td>
</tr>
<tr>
<td>193.7</td>
<td>6 99 02 135 00 0</td>
</tr>
</tbody>
</table>

#### Mitre joint grinding plate GIG
For precision mitre joint grinding, easy assembly. Max. pipe Ø: 0° – Ø 110 mm, 30° – Ø 80 mm, 45° – Ø 60 mm

<table>
<thead>
<tr>
<th>Diameter (mm)</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 99 02 175 00 0</td>
<td></td>
</tr>
</tbody>
</table>

#### Suction nozzle
For optimum dust extraction, for connection to the GIBE machine base with double extraction.

<table>
<thead>
<tr>
<th>Diameter (mm)</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 99 02 182 00 0</td>
<td></td>
</tr>
</tbody>
</table>

#### Eye guard
Acrylic glass plate for protection against flying sparks, 3 in pack.

<table>
<thead>
<tr>
<th>Diameter (mm)</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 99 00 000 18 4</td>
<td></td>
</tr>
</tbody>
</table>

### Accessories GIBE / GIXBE

#### Stainless steel brush
 Ø 250 mm × 60 mm, wish very high wire drawing strength for highly efficient use, mounting hole Ø 51 mm.

<table>
<thead>
<tr>
<th>Wire thickness (mm)</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.20</td>
<td>6 99 02 009 00 0</td>
</tr>
<tr>
<td>0.35</td>
<td>6 99 02 010 00 0</td>
</tr>
</tbody>
</table>

#### Pipe cleaning unit
For a clean and dry working environment. The coolant is wiped off the pipe surface without the pipe being scratched. For pipes with a diameter of between 10 and 130 mm. Easy to fit on GIC.

<table>
<thead>
<tr>
<th>Diameter (mm)</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 99 02 000 14 6</td>
<td></td>
</tr>
</tbody>
</table>

#### Drilling template
For installation on belt grinders GRT Gi 75 2H from before the 1034026 series. For producing threaded holes on these belt grinders at a later date.

<table>
<thead>
<tr>
<th>Diameter (mm)</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 90 00 004 55 4</td>
<td></td>
</tr>
</tbody>
</table>

#### Guide rail, brass
For dry grinding and coarse material surfaces.

<table>
<thead>
<tr>
<th>Diameter (mm)</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 90 00 000 49 6</td>
<td></td>
</tr>
</tbody>
</table>

#### Guide rail, nylon
For high surface quality.

<table>
<thead>
<tr>
<th>Diameter (mm)</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 90 00 000 49 7</td>
<td></td>
</tr>
</tbody>
</table>

#### Cooling lubricant emulsion
Concentrate, 10 l, mixing ratio 1:30, yields 300 l of ready-to-use cooling lubricant.

<table>
<thead>
<tr>
<th>Diameter (mm)</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 99 02 100 00 0</td>
<td></td>
</tr>
</tbody>
</table>

### Accessories GIC

#### Pipe guide set

<table>
<thead>
<tr>
<th>Diameter (mm)</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 up to 1500 mm</td>
<td>6 99 02 179 50 1</td>
</tr>
<tr>
<td>2 up to 3000 mm</td>
<td>6 99 02 179 50 2</td>
</tr>
<tr>
<td>3 up to 6000 mm</td>
<td>6 99 02 179 50 3</td>
</tr>
</tbody>
</table>

### Technical data

#### Model GIXS
- Dimensions: 304×356×769 mm
- Weight according to EPTA: 18 kg
- Order number: 9 90 01 002 00 0

#### Model GIXBE
- Power: 0.77 kW
- Max. vacuum: 2.65 mbar
- Dimensions: 305×575×700 mm
- Weight according to EPTA: 58 kg
- Order number: 9 90 01 009 00 0
GRIT grinding material A
Grinding belts with fine grit for fine sanding of metals to final finish. Optimum surface results. Heavy cotton fabric, fully bonded with artificial resins, with corundum. Please refer to the table below for order numbers.

<table>
<thead>
<tr>
<th>Grit No. in pack</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>220 10 6 99 03 046 00 0</td>
<td></td>
</tr>
<tr>
<td>320 10 6 99 03 044 00 0</td>
<td></td>
</tr>
<tr>
<td>400 10 6 99 03 042 00 0</td>
<td></td>
</tr>
</tbody>
</table>

GRIT grinding material S

<table>
<thead>
<tr>
<th>Grit No. in pack</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>220 10 6 99 03 039 00 0</td>
<td></td>
</tr>
<tr>
<td>24 10 6 99 03 040 00 0</td>
<td></td>
</tr>
<tr>
<td>36 10 6 99 03 041 00 0</td>
<td></td>
</tr>
<tr>
<td>40 10 6 99 03 042 00 0</td>
<td></td>
</tr>
<tr>
<td>60 10 6 99 03 044 00 0</td>
<td></td>
</tr>
<tr>
<td>80 10 6 99 03 046 00 0</td>
<td></td>
</tr>
<tr>
<td>120 10 6 99 03 048 00 0</td>
<td></td>
</tr>
</tbody>
</table>

Fleece belts for GRIT machines
Reliable for everything from covering up minor mistakes to creating a perfect finish. Long service lives make for cost-effective working. Suitable for GRIT GX 75 2H, GXC, GI 75 2H, GI 150 2H, GIC and GIL. Also suited to wet grinding.

<table>
<thead>
<tr>
<th>Grit No. in pack</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>24 10 6 99 03 000 00 0</td>
<td></td>
</tr>
<tr>
<td>36 10 6 99 03 001 00 0</td>
<td></td>
</tr>
<tr>
<td>36 10 6 99 03 002 00 0</td>
<td></td>
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<tr>
<td>40 10 6 99 03 004 00 0</td>
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<tr>
<td>60 10 6 99 03 007 00 0</td>
<td></td>
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<tr>
<td>80 10 6 99 03 009 00 0</td>
<td></td>
</tr>
<tr>
<td>120 10 6 99 03 013 00 0</td>
<td></td>
</tr>
</tbody>
</table>

GRIT grinding material R
The top grinding belt on the market. Achieves much shorter working times and has superior service life and performance. Especially recommended for machining stainless and high-alloy steels. Extra heavy polyester fabric, fully bonded with artificial resins, with zirconium corundum. Additional top layer for cooling during grinding. Please refer to the table below for order numbers.

<table>
<thead>
<tr>
<th>Grit No. in pack</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>24 10 6 99 03 033 00 0</td>
<td></td>
</tr>
<tr>
<td>36 10 6 99 03 034 00 0</td>
<td></td>
</tr>
<tr>
<td>40 10 6 99 03 035 00 0</td>
<td></td>
</tr>
<tr>
<td>60 10 6 99 03 037 00 0</td>
<td></td>
</tr>
<tr>
<td>80 10 6 99 03 039 00 0</td>
<td></td>
</tr>
<tr>
<td>120 10 6 99 03 041 00 0</td>
<td></td>
</tr>
</tbody>
</table>

Fleece belts for GRIT machines
Reliable for everything from covering up minor mistakes to creating a perfect finish. Long service lives make for cost-effective working. Suitable for GRIT GX 75 2H, GXC, GI 75 2H, GI 150 2H, GIC and GIL. Also suited to wet grinding.

<table>
<thead>
<tr>
<th>Version No. in pack</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>very fine (blue) 3 6 99 03 121 01 0</td>
<td></td>
</tr>
<tr>
<td>medium (red) 3 6 99 03 119 01 0</td>
<td></td>
</tr>
<tr>
<td>coarse (brown) 3 6 99 03 117 01 0</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Version No. in pack</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>very fine (blue) 3 6 99 03 120 01 0</td>
<td></td>
</tr>
<tr>
<td>medium (red) 3 6 99 03 118 01 0</td>
<td></td>
</tr>
<tr>
<td>coarse (brown) 3 6 99 03 116 01 0</td>
<td></td>
</tr>
</tbody>
</table>

General accessories
FEIN – the specialist for durable power tools.

FEIN is the specialist for professional and extremely reliable power tools and special application solutions in metalworking, interior fitting and the automotive sector. As the inventor of the electric hand drill, FEIN has been developing innovative and unbeatably efficient solutions for everyday use which can also stand up to the toughest continuous use in industry and trade for over 140 years.

Make the most of the 3-year FEIN PLUS warranty
We offer the 3-year FEIN PLUS warranty for all your FEIN power tools. All you need to do is register your new FEIN power tool at www.fein.com within 6 weeks of purchase.

Do you have any further questions? Your specialist dealer will be happy to help:

UK: FEIN Industrial Power Tools UK Ltd., Phone 01327 308730, www.fein-uk.co.uk
Asia: FEIN Power Tools Asia Limited, A1, Phone 2341-1026, www.fein.hk
IN: FEIN Power Tools India Pvt. Ltd., Phone 044-43 578 680, www.fein.in