

► METAL

FEIN. Unverwüstliche
Elektrowerkzeuge.



For sparkling results.

New FEIN products for the processing of stainless steel surfaces



New FEIN products – Durability is standard.

Removing stains, heat discoloration, scratches or weld seams? Preparing for polishing or polishing to a mirror finish? FEIN has the right solution for you – for every type of stainless steel surface and application. Durable tools and accessories, that let you work faster, more conveniently, and more efficiently than ever before.

As a long-standing partner to the metal industry, FEIN offers you an extensive range of products for processing stainless steel surfaces. From angle polishers, metal finishers, pipe polishers and stationary belt grinders to custom accessories and special Sets, that you can assemble to match your application perfectly. You can find all stainless steel processing products in the FEIN Stainless Steel brochure and the FEIN General Catalog.



FEIN Compact Belt File BF 10-280 E



Just right for corners and edges. The FEIN Compact Belt File guarantees high cutting performance and precise work on difficult-to-reach areas, using the tool-free adjustable arm.

FEIN Pipe Polisher RS 10-70 E



Compact for railing fabrication. Due to its small size, the FEIN pipe polisher is easy to handle, even in tight spaces. Belt tracking remains accurate, even on curved tubes.

GRIT Cylindrical Grinding Module GIC



Perfect for industrial production cylindrical grinding – with fast results. The GRIT Cylindrical Grinding Module is easily mounted on the basic machine, without tools.

Accessories



Ideal for profiles and tubes. The new wheels, fleece belts and Pyramix discs with practical details for the perfect finish, even with small roughness depth.

Small, easy to handle, with unrivalled power: the FEIN Belt File BF 10-280 E.

Smooth edges, deburr sheet metal, level weld seams – professional surface processing has to be both versatile and cost-effective. This requires tools that can achieve perfect results, even in confined spaces or on previously installed work pieces. The new, high-performance FEIN BF 10-280 E is more than able to master varied demands on the job. It excels due to easy operation combined with outstanding performance and long service life.

Benefits:

- ▶ Maximum removal rate in the smallest space
- ▶ Maximum plunge depth up to 6 1/2 in (165 mm) into work piece
- ▶ For belts from 3/32 to 3/4 in (3 to 20 mm) width
- ▶ Perfect for already-installed assemblies such as railings, etc.
- ▶ Precise belt tracking, even with narrow belts

Efficient

Gearing is designed for optimal belt speeds.

Ergonomic

Comfortable, easy handling without an accessory handle, even in continuous use.

User-oriented

Tool-free, 180° adjustment of the grinding arm.

Variable speed

The speed range can be adjusted for grinding, fleece, and polishing belts.

High performance

800 Watt FEIN high power motor designed for continuous operation.

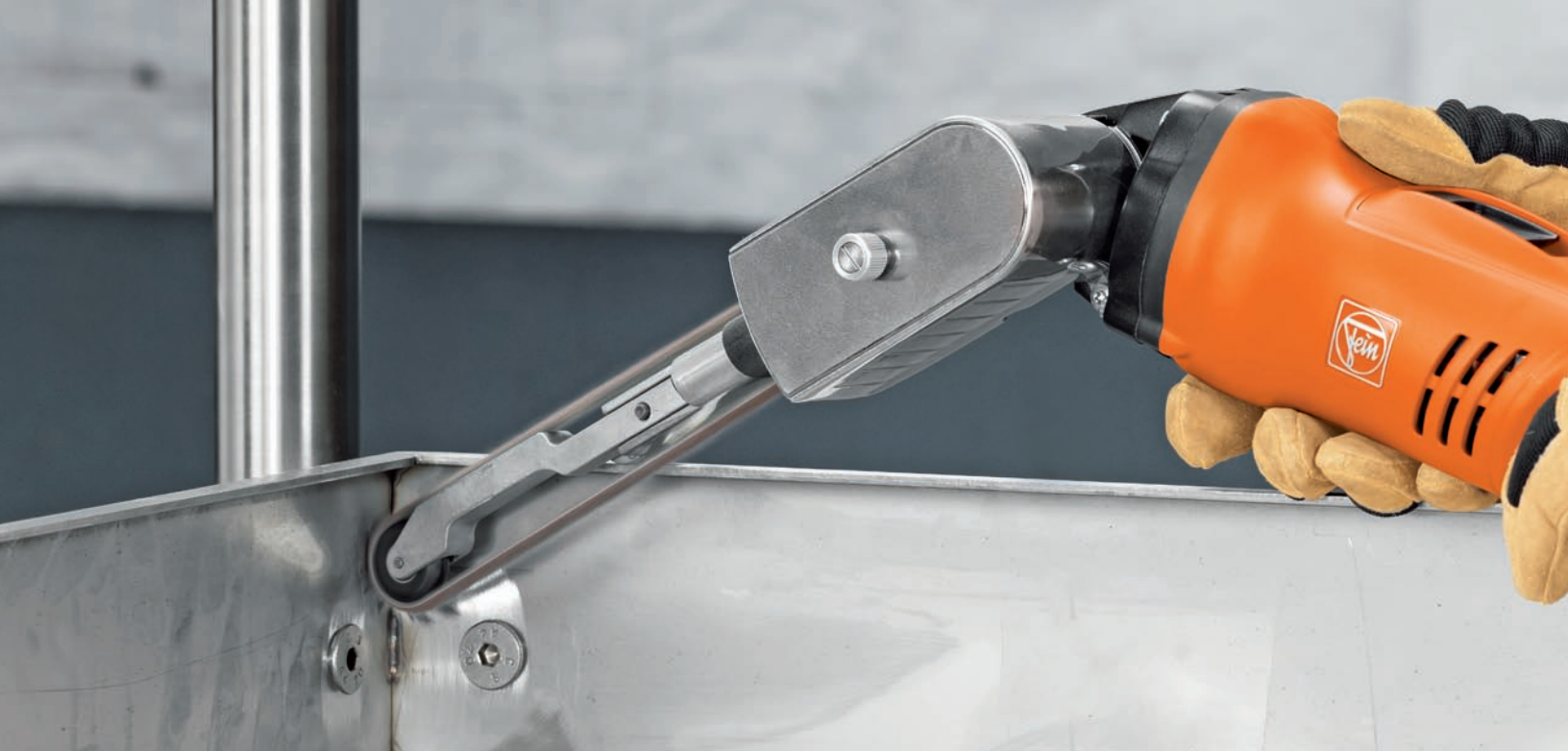


Perfect belt tracking

Even very narrow belts remain in the guides.

Technical specifications

Model	BF 10-280 E	
Power consumption	Watts	800
Output	Watts	550
Belt length	in (mm)	20 1/2 (520)
Belt width	in (mm)	3/32, 1/4, 3/4 (3 / 6 / 20)
Speed	rpm	10,000 – 28,000
Belt speed	ft/s m/s	39-105 (12-32)
Weight according to EPTA	lbs (kg)	4.63 (2.1)
Cable	ft (m)	13 (4)
Dimensions L x W x H	in (mm)	20 x 4 1/8 x 2 5/8 (522 x 118 x 69)
Plunge depth	in (mm)	6 1/2 (165)
Part number	7 228 05 50	



FEIN BF 10-280 E Professional Set



The FEIN BF 10-280 E Professional Set covers all important operations in the processing of corners and edges as well as tubes and profiles. There are perfectly matched accessories for special tasks.

- ▶ 1 BF 10-280 E tool in a plastic carrying case
- ▶ 3 grinding arms
 - 1 each × $\frac{3}{32}$ / $\frac{1}{4}$ in (3 / 6 mm) offset, $\frac{3}{32}$ in (3 mm) straight, $\frac{3}{4}$ in (20 mm) straight
- ▶ 10 Grinding belts $\frac{3}{32}$ in (3 mm), grit 120
- ▶ 10 Grinding belts $\frac{1}{4}$ in (6 mm), grit 120
- ▶ 10 Grinding belts $\frac{3}{4}$ in (20 mm), grit 120
- ▶ 5 Fleece belts $\frac{1}{4}$ in (6 mm), medium

Part number **BF 10-280 E-PS**

7 228 05 51

Accessories

Offset grinding arm



For grinding belt width		Part number
in	mm	
$\frac{3}{32}$ / $\frac{1}{4}$	3 / 6	6 38 10 026 01 0

Straight grinding arm



For grinding belt width		Part number
in	mm	
$\frac{1}{4}$	6	6 38 10 027 01 0
$\frac{3}{4}$	20	6 38 10 030 01 0

Ceramic grinding belt

Superior removal rate combined with very long service life. Also for use in removal of fine weld seams.
10/pack, Length 20½ in (520 mm).



Width		Grit	Part number
in	mm		
$\frac{3}{32}$	3	80	6 37 14 061 01 0
$\frac{3}{32}$	3	120	6 37 14 062 01 0
$\frac{3}{32}$	3	180	6 37 14 063 01 0
$\frac{1}{4}$	6	80	6 37 14 068 01 0
$\frac{1}{4}$	6	120	6 37 14 069 01 0
$\frac{1}{4}$	6	180	6 37 14 070 01 0
$\frac{3}{4}$	20	80	6 37 14 089 01 0
$\frac{3}{4}$	20	120	6 37 14 090 01 0
$\frac{3}{4}$	20	180	6 37 14 091 01 0

Fleece belt

Soft type, for blemish-free surfaces.
5/pack, Length 20½ in (520 mm).



Width		Part number
in	mm	
$\frac{1}{4}$	6	Coarse 6 37 14 114 01 0
$\frac{1}{4}$	6	Medium 6 37 14 115 01 0
$\frac{1}{4}$	6	Fine 6 37 14 116 01 0
$\frac{3}{4}$	20	Coarse 6 37 14 123 01 0
$\frac{3}{4}$	20	Medium 6 37 14 124 01 0
$\frac{3}{4}$	20	Fine 6 37 14 125 01 0

Polishing belt

Soft type, for blemish-free mirror finish.
3/pack, Length 20½ in (520 mm).



Width		Part number
in	mm	
$\frac{1}{4}$	6	6 37 26 016 01 0
$\frac{3}{4}$	20	6 37 26 019 01 0

Pre-polishing paste, red

For pre-polishing in combination with polishing belts.

Part number 6 37 26 008 01 2

Rumple paste, white

For polishing and mirror finishing in combination with polishing belts.

Part number 6 37 26 009 01 6

Viennese chalk

Cleaning powder for removal of polishing paste residue and fingerprints from stainless steel, 2.2 lbs (1 kg).

Part number 6 37 26 007 01 4

Microfiber cloth

Finely woven for removal of polish traces. Seamless type for scratch and lint free work.

Part number 6 37 33 003 01 0

Compact, light, and ergonomic: the FEIN Pipe Polisher RS 10-70 E.

The pipe polisher for all standard bars and hand rails. Ideal for processing straight and curved tubes – from stain or heat discoloration removal, smoothing of fine weld seams, satinizing, to polish preparation and polishing to mirror finish. Small, easy to handle, and featuring an arm rotatable through almost 360°, it allows comfortable operation, even in tight spaces. In addition, it is highly flexible and can be easily adjusted for different pipe diameters and grinding belts.

Benefits:

- ▶ Easy handling
- ▶ Safe belt tracking
- ▶ Low weight
- ▶ Variable speed
- ▶ Dustproof ball bearings

User oriented

Arm rotatable through almost 360°.

Convenient

Tool-free belt changes and automatic belt alignment.

Rapid Work Progress

360° circumference grinding in just 2 steps.

High performance

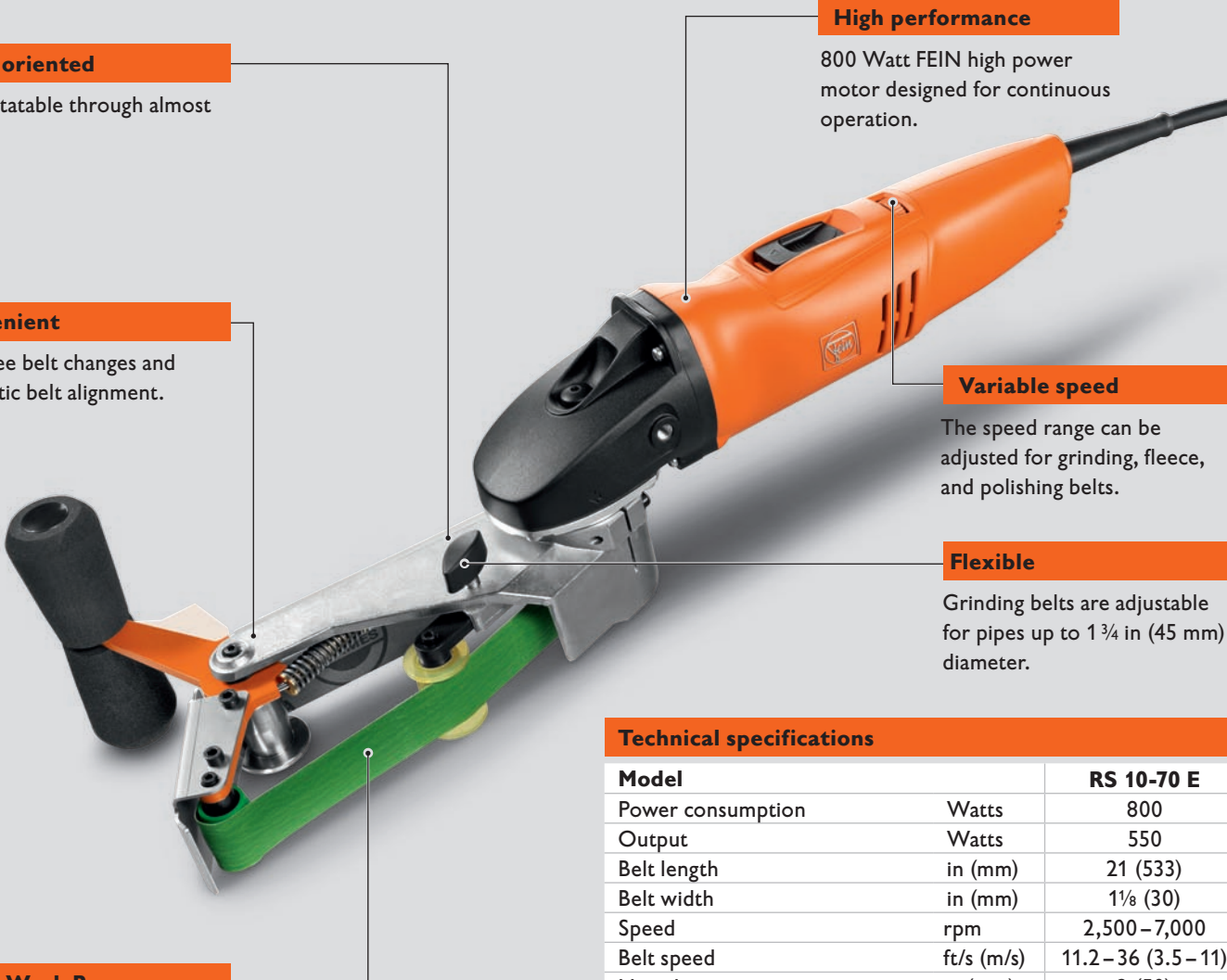
800 Watt FEIN high power motor designed for continuous operation.

Variable speed

The speed range can be adjusted for grinding, fleece, and polishing belts.

Flexible

Grinding belts are adjustable for pipes up to 1 3/4 in (45 mm) diameter.



Technical specifications

Model	RS 10-70 E	
Power consumption	Watts	800
Output	Watts	550
Belt length	in (mm)	21 (533)
Belt width	in (mm)	1 1/8 (30)
Speed	rpm	2,500–7,000
Belt speed	ft/s (m/s)	11.2–36 (3.5–11)
Min. clearance	in (mm)	2 (50)
Dimensions L×W×H	in (mm)	20×5 3/8×6 3/8 (514×143×160)
Pipe diameter	in (mm)	3/8–1 3/4 (8–45)
Cable length	ft (m)	13 (4)
Weight according to EPTA	lbs (kg)	6.4 (2.9)
Part number	7 221 66 60	



FEIN RS 10-70 E Professional Set



The Professional Set covers all standard applications for straight and curved tube: cleaning, removal of heat discoloration and scratches, grinding pattern development, and excellent satin finish.

- ▶ Pipe polisher in a plastic case
- ▶ 10 ceramic grinding belts, grit 120
- ▶ 10 ceramic grinding belts, grit 180
- ▶ 5 fleece belts, fine

Part number **RS 10-70 E-PS** **7 221 66 60**

Accessories

Grinding belts

Very flexible grinding belts, ideal for grinding curved tube.
10/pack, Dimension 1 1/8 x 21 in (30 x 533 mm).



Grit	Part number
80	6 37 14 136 01 0
120	6 37 14 137 01 0
180	6 37 14 138 01 0
320	6 37 14 139 01 0
400	6 37 14 140 01 0

Fleece belts

Very soft version, for blemish-free surfaces, even on tightly curved tubes.
5/pack, Dimension 1 1/8 x 21 in (30 x 533 mm).



Grit	Part number
Coarse	6 37 14 141 01 0
Medium	6 37 14 142 01 0
Fine	6 37 14 143 01 0

Pre-polishing paste, red

For pre-polishing in combination with polishing belts.

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

Rumple paste, white

For polishing and mirror finishing in combination with polishing belts.

Part number **6 37 26 009 01 6**

Viennese chalk

Cleaning powder for removal of polishing paste residue and fingerprints from stainless steel, 2.2 lbs (1 kg).

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

Polishing belts

Very soft version for blemish-free mirror finish, even on tightly curved tube. 3/pack, Dimension 1 1/8 x 21 in (30 x 533 mm).



Part number **6 37 14 144 01 0**

Microfiber cloth

Finely woven for removal of polish traces. Seamless type for scratch and lint free work.



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

Perfect performance in mobile use: GRIT GIC.

The unique module for industrial production cylindrical grinding. Easy, fast, and tool-free mounting on the base machine (suitable for GI 75, GI 75 2H, GI 150, GI 150 2H). The GRIT GIC handles all “cylindrical grinding” tasks. Finish grinding of straight tubes and cylindrical stock, pre-grinding for chrome plating and polishing, as well as pipe grinding all the way to perfect surface finishes. It achieves maximum surface quality and can be adjusted for different pipe dimensions. Ideal for applications in railing fabrication and plant construction.

Benefits:

- ▶ Short change-over time, low vibration and noise
- ▶ High surface quality
- ▶ Flexible processing of pipe from 3/8–5 1/8 in (10 to 130 mm) diameter
- ▶ Robust welded construction
- ▶ Optional: Cooling lubricant module for wet grinding provides cool surfaces, dust-free environment, and extended service life for grinding belts

High performance

Three-phase motor designed for continuous use.

Efficient

Quick-release attachment for easy, tool-free changes.



Flexible

Continuously variable feeder speed for perfect surfaces.



Convenient

Rollers provide maximum mobility

Technical specifications

Model	GRIT GIC	
Power	Watts	180
Electric brake motor type		S1
Pipe diameter	in (mm)	3/8 - 5 1/8 (10–130)
Pipe length	in (mm)	12–236 (300–6,000)
Continuous feed	in/min (m/min)	0–40 (0–2)
Belt width	in (mm)	3/6 (75/150)
Belt length	in (mm)	79 (2,000)
Weight according	lbs (kg)	143 (65)
Part number		7 902 12



Cylindrical grinding machine



Centerless grinding machine



Belt grinding machine (base unit)
 GI 75 7 902 01
 GI 75 2H 7 902 02
 GI 150 7 902 04
 GI 150 2H 7 902 05



Machine base
 GIB 9 90 01 003 00 0



Cylindrical Grinding Module
 GIC 7 902 12



Cooling lubricant module
 GXW 7 901 04

Accessories

Pipe feed set



Set	Pipe length	Part number
1	up to 5 ft. (1,500 mm)	6 99 02 179 50 1
2	up to 10 ft. (3,000 mm)	6 99 02 179 50 2
3	up to 20 ft. (6,000 mm)	6 99 02 179 50 3

Hole template

For attachment to GI 75 / GI 75 2H belt grinders prior to 1034026 series. For retrofitting tapping holes on the specified belt grinders.

Part number 3 90 00 004 55 4

Perfectly matched to application and tool: FEIN Stainless Steel Sets.

All the important accessories for stainless steel processing in one Set. Matched to FEIN angle polishers and FEIN metal finishers, the FEIN Stainless Steel Sets “Profile Satinizing” and “Polish Preparation Flat Materials/Tube/Profiles” are now even better for on-the-job applications. With new and optimized accessories for sparkling and cost-effective surface results.

Stainless Steel Set Profile Satinizing



The accessories for blemish-free satin finishing of profiles and narrow surfaces guarantee a perfect finish with limited heat buildup. The new 2 in (50 mm) wide wheels ensure efficient work.

Set includes:

- ▶ **New:** Gum wheel grit 60 medium, 4×2 in (100×50 mm), 1/pack (6 37 21 054 01 0)
- ▶ **New:** Gum wheel grit 180 fine, 4×2 in (100×50 mm), 1/pack (6 37 21 055 01 0)
- ▶ **New:** Sinus fleece wheel, 4×2 in (100×50 mm), 1/pack (6 37 21 056 01 0)
- ▶ **New:** Arbor 2 in (50 mm), 5/8-11 in, 1/pack (6 38 03 072 02 0)

Set prerequisite:

- ▶ Metal Finisher WPO 14-25 E
- ▶ Handle (6 37 33 006 01 0)
- ▶ Protective guard (3 02 29 216 00 5)



Part number 6 37 21 054 03 0

Stainless Steel Set Polish Preparation Surface/Tubes/Profiles



Accessories for rapid removal of scratches with high cutting rate, low heat buildup, and optimal preparation for polishing. The new perforation pattern of the Pyramix hook and loop grinding discs allow further use, even after the original rim is worn.

Set includes:

- ▶ **New:** Pyramix sanding disc, grit 280 perforated, 4 1/2 in (115 mm) dia., 5/pack (6 37 17 239 01 0)
- ▶ **New:** Pyramix sanding disc, grit 400 perforated, 4 1/2 in (115 mm) dia., 5/pack (6 37 17 240 01 0)
- ▶ **New:** Pyramix sanding disc, grit 800 perforated, 4 1/2 in (115 mm) dia., 5/pack (6 37 17 241 01 0)
- ▶ **New:** Pyramix sanding disc, grit 1400 perforated, 4 1/2 in (115 mm) dia., 5/pack (6 37 17 242 01 0)
- ▶ **New:** Ventilated bacing pad 3 in (75 mm) dia., 5/8-11 in, 1/pack (6 38 06 191 01 0)
- ▶ Sanding disc 4 1/2 in (115 mm) dia., grit 80, 25/pack (6 37 28 135 01 0)
- ▶ Ventilated backing pad 4 1/2 in (115 mm) dia., 5/8-11 in, 1/pack (6 38 06 194 01 0)



Set prerequisite:

- ▶ Angle grinder FEIN WSG 14-70 E

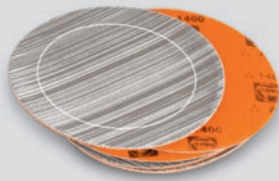
Part number 6 38 06 193 05 0

New accessories make your job easier.

FEIN makes your everyday work easier and more convenient with well-designed accessories, for example; the new FEIN Pyramix hook and loop sanding disc. The pre-perforated rim can easily be removed after use and the sanding disc can then be re-used on a smaller backing pad. But that is only one of many innovative solutions.



Pyramix sanding disc



For rapid removal of scratches with excellent removal performance and low heat build-up, combined with optimal preparation for polishing. The new perforations in the Pyramix hook and loop disc allow continued use of the disc, even after the rim wears out in initial use.

All 4½ in (115 mm) diameter, in various grits. Package quantity: 25

Grit	Part number
280	6 37 17 239 02 0
400	6 37 17 240 02 0
800	6 37 17 241 02 0
1400	6 37 17 242 02 0

Polishing paste dispenser packages



For the processing of non-ferrous metals, iron/steel, and stainless steel.

Economical: since the paste is now squeezed through a tube from below, the required amount of compound can be neatly dispensed.

	Part number
Brushing paste Yellow	6 37 26 027 01 0
Pre-polish paste Orange	6 37 26 028 01 0
Rumple paste White	6 37 26 029 01 0

Ventilated backing pad 3 in (75 mm)



Matching backing pad for Pyramix grinding disc, after the outer rim has been removed. ¾-11 in

Part number	6 38 06 197 01 0
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Stepped guide roller for RS 12-70 E



Provides grip and improves belt tracking, especially on curved tube. With the stepped guide rollers, belts will only come off under extreme loads. Note: 2 rollers are required to retrofit an RS 12-70E.

	Part number
1 Roller	3 13 35 019 01 0

Gum wheels / Sinus fleece wheel



Cool grinding for a blemish-free, perfect finish on thin-walled profiles and narrow surfaces.

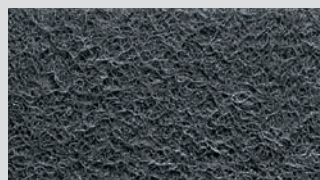
4 x 2 in (100 x 50 mm)

Grit	Part number
60 Medium	6 37 21 054 01 0
180 Fine	6 37 21 055 01 0

Sinus fleece wheel

Grit	Part number
180 Fine	6 37 21 056 01 0

Fleece belts for GRIT machines



For the elimination of minor defects to perfect finishing. Long service life ensures cost-effective work. Suitable for GRIT Machines GX 75, GXC, GI 75, GI 150, GIC. Also suitable for wet grinding. 3/pack

	Grit	Part number
3 x 79 in (75 x 2,000 mm)	Coarse	6 99 03 117 00 0
6 x 79 in (150 x 2,000 mm)	Coarse	6 99 03 116 00 0
3 x 79 in (75 x 2,000 mm)	Medium	6 99 03 119 00 0
6 x 79 in (150 x 2,000 mm)	Medium	6 99 03 118 00 0
3 x 79 in (75 x 2,000 mm)	Very fine	6 99 03 121 00 0
6 x 79 in (150 x 2,000 mm)	Very fine	6 99 03 120 00 0

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Take advantage of the FEIN PLUS 3-year guarantee

We offer the FEIN PLUS 3-year guarantee on all FEIN power tools. You simply need to register your new FEIN power tool within 6 weeks of purchase at www.fein.com

Still have questions? Would you like to test FEIN power tools? Your specialty distributor will be happy to help.

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