

► METAL

FEIN. Unverwüstliche
Elektrowerkzeuge.



Progress you can hold: the FEIN ERGOGRIP.

For the new generation of FEIN angle and die grinders.



The new FEIN grinders with innovative FEIN ERGOGRIP for low-fatigue grinding.

Better grip means greater safety, greater control and higher efficiency. That's why we developed the FEIN ERGOGRIP.

The result is a new generation of FEIN grinders with ergonomic handles that provide maximum contact between hand and machine, can be operated safely on every application and optimally transform the applied force into effective work progress.

Your benefits:

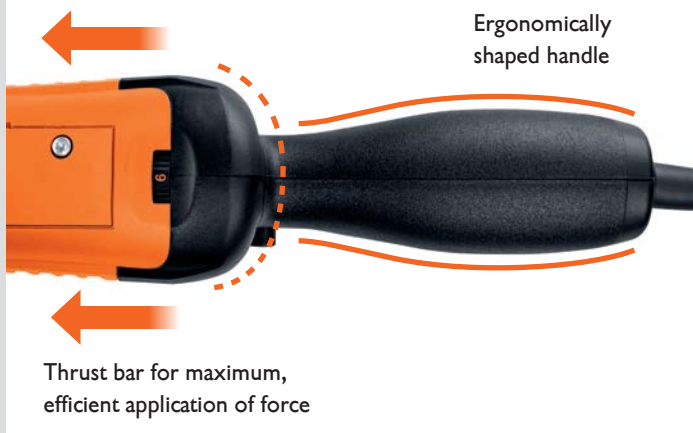
- ▶ Ideal handle position for working with reduced fatigue.
- ▶ Increased safety, thanks to the non-slip grip.
- ▶ Secure hold and control, even when wearing welders' gloves.
- ▶ Precise electronic speed selection with thumb.



FEIN ERGOGRIP

- ▶ Maximum contact between handle and palm.
- ▶ Energy-saving and effective.

Optimal handle for full application of energy



The new generation of FEIN grinders ERGOGRIP

Die grinder with
FEIN ERGOGRIP
GSZ 11-320 PERL



Compact angle grinder
with FEIN ERGOGRIP
WSG 17-125 PRT



Better grip, greater safety: the new FEIN compact angle grinders with FEIN ERGOGRIP.

The motor is designed for maximum speed and torque under load. With a very high copper content, these durable and long lasting angle grinders are able to remove significantly more material, than with comparable angle grinders – a faster work performance that saves you time, energy and reduces costs.



Easy maintenance

- ▶ Two service caps for fast carbon brush replacement.

High-performance motor

- ▶ Durable, overload protection FEIN motor with high copper content for maximum power.
- ▶ Newly developed design for optimal air flow.
- ▶ POWERtronic (power/inox): Soft start, restart protection and jam protection.

Solid metal gear head




- ▶ Extremely long lasting and durable.
- ▶ No plastic components.
- ▶ Wear-free, adjustable safety guard.



Even with gloves, the FEIN compact angle grinders with ERGOGRIP fit the hand perfectly and can be held and controlled safely. The excellent grip not only promotes efficiency and work performance, it also increases safety when handling the machine.

You have our word: three models, every one a good choice.

Our FEIN angle grinders with FEIN ERGOGRIP.

Technical specifications		Solid				Power				Inox	
		 <p>Handy compact angle grinder for deburring, grinding and cut-off work.</p>				 <p>Handy compact angle grinder with large reserve capacity for efficient grinding and cut-off work.</p>				 <p>The specialist tool with variable speed for stainless steel processing.</p>	
Model		WSG 11-125 RT	WSG 11-125 R	WSG 11-150 RT	WSG 11-150 R	WSG 17-125 PR*	WSG 17-125 PRT	WSG 17-150 PR*	WSG 17-150 PRT	WSG 17-70 Inox R*	WSG 17-70 Inox RT
Grinding wheel Ø	in (mm)	5 (125)	5 (125)	6 (150)	6 (150)	5 (125)	5 (125)	6 (150)	6 (150)	5 (125)	5 (125)
Power consumption	Watts (amps)	1,100 (10)	1,100 (10)	1,100 (10)	1,100 (10)	1,500 (13)	1,500 (13)	1,500 (13)	1,500 (13)	1,500 (13)	1,500 (13)
Power output	Watts (amps)	700 (6)	700 (6)	700 (6)	700 (6)	1,000 (9)	1,000 (9)	1,000 (9)	1,000 (9)	1,000 (9)	1,000 (9)
No-load speed	per min.	11,000	11,000	8,500	8,500	11,000	11,000	8,500	8,500	2,700-8,500	2,700-8,500
Cable with plug	ft (m)	13 (4)	13 (4)	13 (4)	13 (4)	13 (4)	13 (4)	13 (4)	13 (4)	13 (4)	13 (4)
Weight according to EPTA	lbs (kg)	5.3 (2.4)	5.3 (2.4)	5.5 (2.5)	5.5 (2.5)	5.3 (2.4)	5.3 (2.4)	5.7 (2.6)	5.7 (2.6)	5.5 (2.5)	5.5 (2.5)
Overall length	in (mm)	15.9 (405)	15.9 (405)	15.9 (405)	15.9 (405)	15.9 (405)	15.9 (405)	16.3 (415)	16.3 (415)	16.3 (415)	16.3 (415)
Vibration level (grinding wheel)	ft/s ² (m/s ²)	26 (7.9)	26 (7.9)	24 (7.3)	24 (7.3)	19.4 (5.9)	19.4 (5.9)	16.4 (5.0)	16.4 (5.0)	11.5 (3.4)	11.5 (3.4)
Vibration level (abrasive sheet)	ft/s ² (m/s ²)	5 (1.5)	5 (1.5)	5 (1.5)	5 (1.5)	6.9 (2.1)	6.9 (2.1)	5.2 (1.6)	5.2 (1.6)	5.2 (1.6)	5.2 (1.6)
Features											
Solid metal gear head		•	•	•	•	•	•	•	•	•	•
Spindle lock		•	•	•	•	•	•	•	•	•	•
H07 industrial cable		•	•	•	•	•	•	•	•	•	•
Removable, nonslip safety guard		•	•	•	•	•	•	•	•	•	•
POWERtronic		-	-	-	-	•	•	•	•	•	•
Restart protection		-	-	-	-	•	•	•	•	•	•
Soft start		-	-	-	-	•	•	•	•	•	•
Jam protection		-	-	-	-	•	•	•	•	•	•
Electronic overload protection		-	-	-	-	•	•	•	•	•	•
Electronic speed selection		-	-	-	-	-	-	-	-	•	•
Constant pressure switch (dead man's switch)		•	-	•	-	-	•	-	•	-	•
Price includes		1 safety guard, 1 pair of flanges, 1 accessory handle, 1 wrench				1 safety guard, 1 pair of flanges, 1 anti-vibration handle, 1 wrench				1 safety guard, 1 pair of flanges, 1 anti-vibration handle, 1 wrench	
Order number		72218760090	72218660090	72218960090	72218860090	72221860090	72221960090	72222060090	72222160090	72222260090	72222360090

* = lockable, P = POWERtronic, R = rat tail (FEIN ERGOGRIP), T = dead man's switch



Original FEIN accessories

Safety guard



Width in (mm)	Order number
4-1/2 (115)	3 18 10 299 00 0
5 (125)	3 18 10 300 00 0
6 (150)	3 18 10 301 00 0

Safety guard for cutting work



Width in (mm)	Order number
4-1/2 (115)	6 38 11 016 01 0
5 (125)	6 38 11 017 01 0
6 (150)	6 38 11 018 01 0

Anti-vibration handle

M 8 thread, vibration-dampening, to reduce vibration during longer jobs.



Order number	3 21 19 124 01 0
--------------	------------------

Inner flange



Order number	6 38 01 120 00 6
--------------	------------------

Outer flange

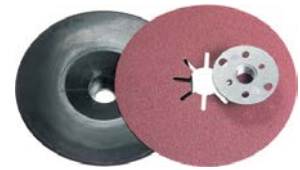
5/8 x 11 , for roughing and cut-off wheels, flap grinding wheels, and round twist brushes.



Order number	6 38 02 098 00 7
--------------	------------------

Flexible backing pad

with 5 x 5/8in flange, for 5 in (125 mm) dia. fiber sanding sheets



Order number	6 38 06 191 01 0
--------------	------------------

Tool case

Plastic, interior dimensions:
18-1/2 x 10-3/4 x 4-1/2 in (470 x 275 x 116 mm)



Order number	3 39 01 118 01 0
--------------	------------------

Plastic box

Box insert with lockable lid for small parts and accessories, suitable for tool box 3 39 01 118 01 0, up to 5 items/box.



Order number	3 39 01 119 00 0
--------------	------------------

Reach everything, remain unsurpassed: our FEIN die grinders.

The handy FEIN die grinders are suitable for all significant applications in the steel and stainless steel field. Due to their optimal shape and outstanding reach, grinding and polishing work can easily be carried out, even on difficult-to-reach spots.

Impressive product benefits such as 1,010 Watt output, metal dust protection for armature and electronics and easily accessible speed control are rounded out by the innovative handle design on the GSZ 11 die grinder.

Extra-long neck bearing

- ▶ One of the longest reaches with up to 6-13/16 in (173 mm).
- ▶ Increased work comfort, thanks to longer handle surface.
- ▶ Replaceable neck bearing cover.

FEIN ERGOGRIP

- ▶ Ergonomic handle design.
- ▶ For efficient, reduced-fatigue work.
- ▶ Secure hold and control, even when wearing welders' gloves.



Innovative collets

- ▶ Wrap-around protection from workpiece damage.
- ▶ No slippage.

 **MADE IN GERMANY**





Technical specifications		GSZ 4		GSZ 8	
		 <p>Extremely handy, long reach, slim casing.</p>		 <p>Handy, powerful.</p>	
Model		GSZ 4-280 EL	GSZ 4-90 EL	GSZ 8-280 P	GSZ 8-280 PE
Model		-	-	-	-
Power consumption	Watts (amps)	350 (3)	350 (3)	750 (6.25)	750 (6.25)
Power output	Watts (amps)	170 (1.5)	170 (1.5)	400 (3.4)	400 (3.4)
No-load speed	per min.	13,000 -28,000	3,500-8,500	28,000	8,500 -28,000
Cable with plug	ft (m)	19.7 (5)	19.7 (5)	15.7 (4)	15.7 (4)
Weight according to EPTA	lbs (kg)	3.3 (1.5)	3.3 (1.5)	3.1 (1.4)	3.1 (1.4)
Collar dia.	in (mm)	1¾ (43)	1¾ (43)	1¾ (43)	1¾ (43)
Collet max. dia.	in (mm)	¼ (6)	¼ (6)	5/16 (8)	5/16 (8)
Grinding wheel max. dia.	in (mm)	¾ (20)	¾ (20)	1¾ (45)	2 (50)
Milling cutter max. dia.	in (mm)	15/32 (12)	15/32 (12)	15/32 (12)	15/32 (12)
Polishing tool max. dia.	in (mm)	-	2 x 3/8 (50 x 10)	-	-
Overall length	in (mm)	387	387	283	283
Vibration value: Abrasive tip 1 in (25 mm) dia.	m/s ²	4.8	1.0	4.7	4.7
Vibration value: Grinding wheel 2 in (50 mm) dia.	m/s ²	-	-	-	7.9
Vibration value when polishing	m/s ²	-	1.5	-	-
Features					
H07 industrial cable		•	•	•	•
POWERtronic tacho electronics		-	-	•	•
Electronic speed selection		•	•	-	•
Replaceable neck bearing casing (rubber)		•	•	-	-
Price includes		1 collet 1/4 in dia., 1 open-ended wrench, size 13, 1 open-ended wrench, size 17		1 collet 1/4 in, 1 open-ended wrench, size 13, 1 open-ended wrench, size 17	
Order number		72232460090	72232560090	72231660090	72231760090

P = POWERtronic, E = variable speed, R = rat tail (FEIN ERGOGRIP), L = long neck bearing

FEIN die grinders are ideally suited for deburring and grinding on difficult-to-reach spots.



The versatile FEIN die grinders are also suitable for effortless polishing of stainless steel surfaces.



GSZ 8



Handy, long reach, high-performance.

GSZ 8-280 PL	GSZ 8-280 PEL	GSZ 8-90 PEL
-	-	-
750 (6)	750 (6.25)	710 (5.9)
410 (3.5)	410 (3.5)	420 (3.6)
28,000	8,500 -28,000	2,500 -9,000
15.7 (4)	15.7 (4)	15.7 (4)
4 (1.8)	4 (1.8)	4 (1.8)
1¾ (43)	1¾ (43)	1¾ (43)
5/16 (8)	5/16 (8)	5/16 (8)
1¾ (45)	2 (50)	2 (50)
15/32 (12)	15/32 (12)	15/32 (12)
-	-	3½ (80)
410	410	410
5.3	5.3	1.9
-	11.4	2.9
-	-	2.9
•	•	•
•	•	•
-	•	•
•	•	•
1 collet 1/4 in, 1 open-ended wrench, size 13, 1 open-ended wrench, size 17		
72231860090	72231960090	72232060090

GSZ 11



Handy, long reach, extremely powerful.

GSZ 11-320 PRL	GSZ 11-320 PERL	GSZ 11-90 PERL
FEIN ERGOGRIP		
1,010 (8.4)	1,010 (8.4)	1,010 (8.4)
620 (5.4)	620 (5.4)	620 (5.4)
32,500	9,500 -32,500	2,900 -9,900
15.7 (4)	15.7 (4)	15.7 (4)
4.6 (2.1)	4.6 (2.1)	4.8 (2.2)
1¾ (43)	1¾ (43)	1¾ (43)
5/16 (8)	5/16 (8)	5/16 (8)
1¾ (45)	1¾ (45)	2 (50)
15/32 (12)	15/32 (12)	15/32 (12)
-	-	3½ (80)
526	526	526
9.7	9.7	1.5
-	-	4.5
-	-	3.1
•	•	•
•	•	•
-	•	•
•	•	•
1 collet 1/4 in, 1 open-ended wrench, size 13, 1 open-ended wrench, size 17		
72232160090	72232260090	72232360090

The FEIN die grinder product range for every challenge.

GSZ 4 – extremely handy, long reach, slim casing.

The GSZ 4 models are extremely handy die grinders with long reaches of up to 6-13/16 in (173 mm) for light grinding and polishing work in especially difficult-to-reach spots.



GSZ 8 – handy, long reach, high performance

The GSZ 8 models are handy, high performance die grinders with long reaches of up to 6-13/16 in (173 mm) for grinding and polishing work in especially difficult-to-reach spots.



GSZ 11 – handy, long reach, extremely powerful

The GSZ 11 models with FEIN ERGOGRIP concept are handy, extremely powerful die grinders with long reach for heavy grinding and polishing work.



Collets for GSZ 4, GSZ 8, GSZ 11



Collets

with wrap-around collar for workpiece protection and to prevent the wrench slipping when changing tools.

Ø	Order number
3 mm	6 32 07 130 00 0
6 mm	6 32 07 128 00 0
8 mm	6 32 07 129 00 0
¼ in	6 32 07 131 00 0



Inox collets

stainless steel version, with wrap-around collar for workpiece protection and to prevent the wrench slipping when changing tools.

Ø	Order number
3 mm	6 32 07 132 00 0
6 mm	6 32 07 133 00 0
8 mm	6 32 07 134 00 0
¼ in	6 32 07 135 00 0

**FEIN. Unverwüstliche
Elektrowerkzeuge.**



FEIN. Enduring power tools.

**3 YEAR
FEIN PLUS
WARRANTY**

Quick registration – extended warranty:

The 3 year FEIN PLUS 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/warranty.

Your specialty dealer will be happy to help:

DE: C. & E. Fein GmbH, Tel. 07173 183-0, www.fein.com

US: FEIN Power Tools Inc., Phone 1-412-922-8886, Toll Free: 1-800-441-9878, www.feinus.com

CA: FEIN Canadian Power Tool Company, Phone 905 890-1390, Toll Free: 1-800-265-2581,
Français: 1-800-789-8181, www.fein.ca

