

FLEX
Das Original

The new FLEX angle grinders

Power, endurance
and top performance
for any application



Quality, accessories and service life – FLEX is setting the standards.



Hermann Schmitt, Hermann Ackermann
Company founders and inventors of the angle grinder

Innovation and tradition have gone hand-in-hand at FLEX since the invention of the angle grinder: even the very first FLEX tools featured power, safety, ease of use and durability.

Taking this as our basis, we are continuously developing new and innovative technologies to make our tools and their accessories even better. FLEX is thus 'The Original'.



Restart protection

prevents the tool from accidentally starting up after a power failure.



Anti-kick bBack

Prevents the tool from kicking back if it jams.



Soft start

Greater occupational safety and improved handling through gentle increase in speed.



Variable speed

Always the optimum speed for every application



Overheating protection

Sensor-controlled temperature monitoring: The tool switches off when the grinder is in danger of overheating.



Long-Life motor

Newly developed generation of motors. Heavy duty, with optimised ventilation and brush geometry for a long service life.



CDC Constant-speed electronics

A tachogenerator prevents the speed decreasing when under load.



Overload protection

The tool switches off in the event of an overload.

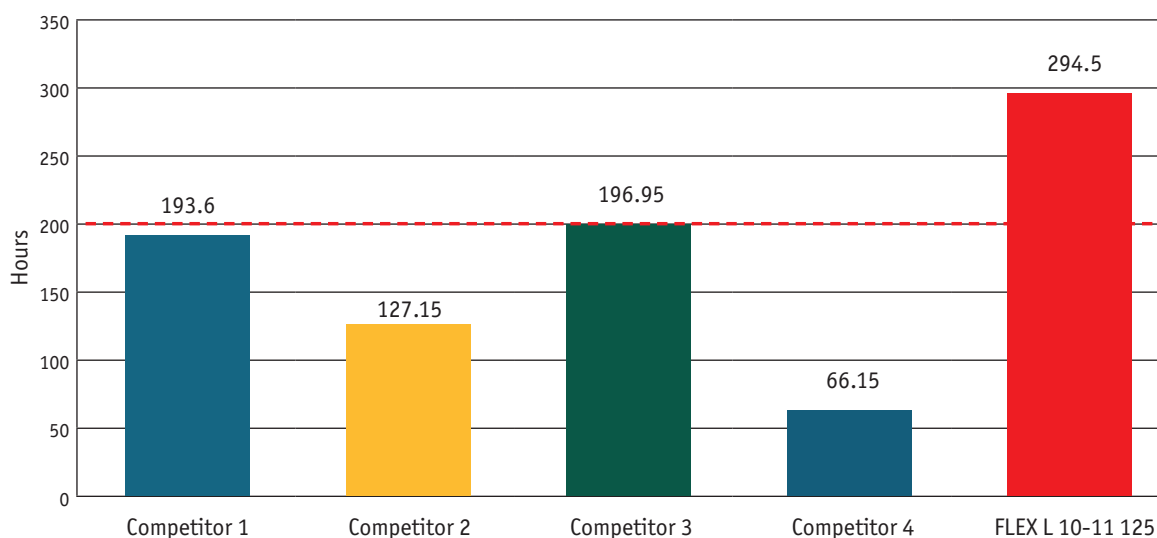
Up to 40% longer runtime proven in tests!

The new FLEX
L 10-11 125 angle grinder
in a comparative test



Laboratory load test

Average service life of first pair of brushes of two tested sample angle grinders



**The class up to
1000 watt – extremely
light and easy to handle**



800 watt angle grinder

Top-class features at a fair price

The new 800 watt class convinces with its compact design and variety of possible applications. The tool has characteristics which are justly valued in a FLEX tool: rugged design and durability with optimal performance. Exactly what you would expect from a FLEX!

TECHNICAL DATA L8-11 115/125

Max. disc Ø	115 / 125 mm
No-load speed	11500 rpm
Power consumption	880 watts
Power output	460 watts
Tool holder	M 14
Cable length	4.0 m
Weight	2.0 kg

800 watt angle grinder

- Microprocessor electronics: Soft start, restart protection after a power failure, overload protection
- Motor: heavy duty, highly efficient motor for a powerful performance
- Longer service life thanks to optimised cooling and modified brush geometry
- Comprehensive dust protection for motor and gears
- Extremely light and easy to handle
- Compact, slim and ergonomic shape
- Anti-kick back feature switches off the motor if the disc jams
- Spindle lock
- Guard hood with keyless adjustment
- Lockable slide switch with precisely defined action point



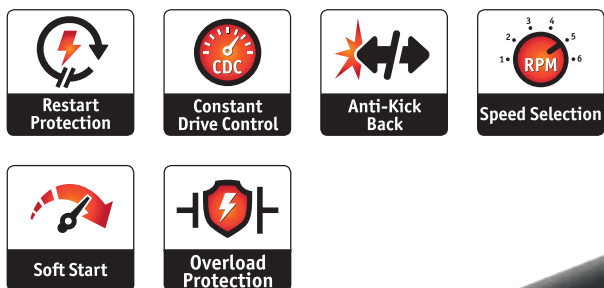
L 8-11 115 / 125

800 watt angle grinder

Part	Part no.	Price excl. VAT
L 8-11 115	458.341	€ 79.00
L 8-11 125	458.333	€ 79.00

900 watt angle grinder with variable speed

For construction work, on a building site or for metalworking in the workshop: the 900 watt all-rounder masters any challenge encountered during routine work reliably and effortlessly.



TECHNICAL DATA LE 9-11 125	
Max. disc Ø	125 mm
No-load speed	6000-11500 rpm
Power consumption	900 watts
Power output	600 watts
Tool holder	M 14
Cable length	4.0 m
Weight	2.0 kg



900 watt angle grinder, multi-functional, 125 mm

- Variable speed adjustment (6 settings)
- Microprocessor control: with tachogenerator for constant-speed control, speed control, soft start, restart protection after power failure, overload protection
- Motor: heavy duty, highly efficient motor for a powerful performance
- Longer service life thanks to optimised cooling and modified brush geometry
- Comprehensive dust protection for motor and gears
- Extremely light and easy to handle
- Compact, slim and ergonomic shape
- Anti-kick back feature switches off the motor if the disc jams
- Spindle lock
- Guard hood with keyless adjustment
- Lockable slide switch with precisely defined action point
- Universal angle grinder for steel/metalworking, construction/renovation, car bodywork and construction and assembly companies
- Additional handle
- Also available in the practical L-BOXX®

LE 9-11 125

900 watt angle grinder

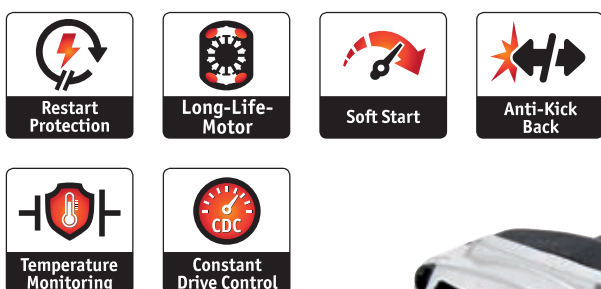
Part	Part no.	Price excl. VAT
LE 9-11 125	436.291	€ 119.00
LE 9-11 125 L-BOXX	436.739	€ 149.00



1050 watt angle grinder

The premium tool in the 1.000 watt class

The new 1,050 watt angle grinder combines durability, optimum quality and performance with a compact design and high level of robustness. The angle grinder comes with top-class features which FLEX customers value and which are very rare in this market segment.



TECHNICAL DATA LE 10-11 125

Max. disc Ø	125 mm
No-load speed	11500 rpm
Power consumption	1050 watts
Power output	650 watts
Tool holder	M 14
Cable length	4.0 m
Weight	2.0 kg



1,050 watt angle grinder

- Microprocessor control with soft start, restart protection after power failure, temperature monitoring, CDC constant-speed control
- Motor: heavy duty, highly efficient motor for a powerful performance
- Longer service life thanks to optimised cooling and modified brush geometry
- Comprehensive dust protection for motor and gears
- Extremely light and easy to handle
- Compact, ergonomic design
- Anti-kick back feature switches off the motor if the disc jams
- Spindle lock
- Guard hood with keyless adjustment
- Lockable slide switch with precisely defined action point
- Additional handle

L 10-11 125

1050 watt angle grinder

Part	Part no.	Price excl. VAT
L 10-11 125	447.552	€ 109.00

**The 1400 / 1500 watt
class – heavy duty with
a high level of efficiency**



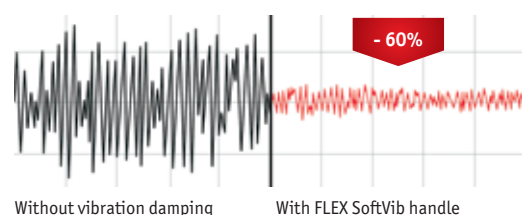
1400 watt angle grinder

The rugged "all-rounders"

The new 1400 watt angle grinders leave nothing to be desired. Optimum performance and quality, combined with compact design, robustness and top-class features. High overload capability for heavy duty tasks as well. Comfortable to use thanks to vibration-damped SoftVib additional handle with integrated clamping nut wrench. Also available with variable speed setting.

TECHNICAL DATA L 14-11 125 / LE 14-11 125

Max. disc Ø	125 mm
No-load speed	11500 / 2800-11500 rpm
Power consumption	1400 watts
Power output	880 watts
Tool holder	M 14
Cable length	4.0 m
Weight	2.4 kg



Integrated clamping nut wrench
The patented clamping nut wrench (patent no. DE10117835A1) is integrated in the SoftVib handle. For a quick tool change without additional tools.

1400 watt angle grinder

- Microprocessor control with soft start, restart protection after power failure, temperature monitoring, CDC constant-speed control, speed control (only for LE 14-11 125)
- Motor: heavy duty, highly efficient motor for a powerful performance
- Longer service life thanks to optimised cooling and modified brush geometry
- Comprehensive dust protection for motor and gears
- Compact, ergonomic design
- Anti-kick back feature switches off the motor if the disc jams
- Spindle lock
- Guard hood with keyless adjustment
- Lockable slide switch with precisely defined action point
- SoftVib handle with integrated, patented clamping nut wrench and vibration damping

L 14-11 125
LE 14-11 125

1400 watt angle grinder

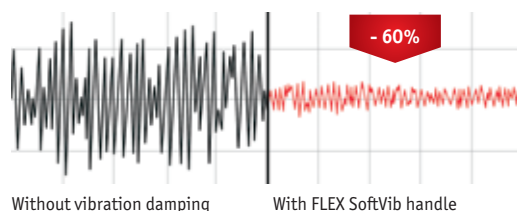
Part	Part no.	Price excl. VAT
L 14-11 125	447.560	€ 149.00
LE 14-11 125	447.587	€ 169.00

1400 watt angle grinder

INOXFLEX, the “stainless steel specialist”.

1400 watt INOXFLEX – the specialist for stainless steel and alloyed steels provides precisely matched speeds to prevent the heat generated from tarnishing and warping the material. Includes FixTec quick-release clamping nut for a quick tool change.

TECHNICAL DATA LE 14-7 125 INOX	
Max. disc Ø	125 mm
No-load speed	2100-7500 rpm
Power consumption	1400 watts
Power output	880 watts
Tool holder	M 14
Cable length	4.0 m
Weight	2.4 kg



1400 watt INOXFLEX

- Microprocessor control: speed selection, tachogenerator for constant-speed control, soft start, restart protection after power failure, overload protection and temperature monitoring
- Motor: heavy duty, highly efficient motor for a powerful performance
- Special gearbox: special gear reduction provides high torque in the medium and lower speed range. Prevents heat-induced tarnishing and warping
- Fully potted electronic components prevent dust damage, the triple winding protection reduces motor wear and extends service life
- SoftVib handle reduces the vibrations in the handle by up to 60% compared to a side handle without vibration damping
- FixTec quick release clamping nut for a quick tool change
- Guard hood with keyless adjustment
- Spindle lock



L 14-7 125 INOX

1400 watt angle grinder

Part	Part no.	Price excl. VAT
L 14-7 125 INOX	406.546	€ 249.00



1400 watt angle grinder









The specialist for grinding work

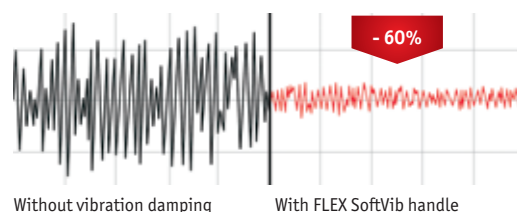
Powerful 1400 watt angle grinder with ergonomic handle and variable speed selection specially designed for a variety of sanding tasks and work involving brush attachments. The slim, rear handle is particularly easy to grip making the grinder less tiring for the operator to use. Includes FixTec quick-release clamping nut for a quick tool change.



TECHNICAL DATA L 3406 VRG

Max. disc Ø	125 mm
No-load speed	2100-7500 rpm
Power consumption	1400 watts
Power output	880 watts
Tool holder	M 14
Cable length	4.0 m
Weight	2.2 kg

-  Restart Protection
-  Speed Selection
-  Constant Drive Control
-  FixTec
-  Soft Start
-  SoftVib
-  Temperature Monitoring
-  Overload Protection



1,400 watt angle grinder

- VR microprocessor control: speed selection, tachogenerator for constant-speed control, soft start, restart protection after power failure, overload protection and temperature monitoring
- Motor: heavy duty, highly efficient motor for a powerful performance
- Switch with safety catch and lock
- Lightweight, ergonomic design with slim handle
- Multi-functional tool for sanding and polishing thanks to continuously adjustable speed
- SoftVib handle with integrated, patented clamping nut wrench and vibration damping
- Guard hood with keyless adjustment
- Spindle lock
- FixTec quick release clamping nut for a quick tool change

L 3406 VRG

1400 watt angle grinder

Part	Part no.	Price excl. VAT
L 3406 VRG	406.503	€ 239.00





1500 watt angle grinder

The specialist for all roughing and grinding work with 150 mm disc

Powerful 1500 watts with ergonomically shaped handle. Ideal for roughing and grinding work, particularly with fibre discs. The slim, rear handle with Soft-Grip insert is particularly easy to grip, making the grinder less tiring for the operator to use over extended periods.

TECHNICAL DATA L 15-10 150

Max. disc Ø	150 mm
No-load speed	10000 rpm
Power consumption	1500 watts
Power output	880 watts
Tool holder	M 14
Cable length	4.0 m
Weight	3.6 kg



L 15-10 150

1500 watt angle grinder

Part	Part no.	Price excl. VAT
L 15-10 150	447.609	€ 169.00

1500 watt angle grinder

- Microprocessor control with soft start, restart protection after power failure, overload protection
- Motor: heavy duty, highly efficient motor for a powerful performance
- Comprehensive dust protection for motor and gears
- Guard hood with keyless adjustment
- Rear shaft handle with soft insert for secure grip, suitable for continuous use
- Spindle lock
- Additional handle

**18V EC angle grinder –
cordless technology
provides greater freedom!**



L 125 18.0-EC angle grinder

125 mm with EC high-power motor –
powerful and maintenance-free

18.0V
Li-Ion
Power-System



Brushless Motor
Technology



Temperature
Monitoring



Soft Start



Restart
Protection



Cordless angle grinder ACCUFLEX 18.0 V, 125 mm

- Electronic management system (EMS) protects the machine, extends the service life, and increases efficiency
- Brushless motor with greater efficiency and a longer service life
- With soft start, overload protection and restart protection
- Winding has triple protection against dust. Reduces motor wear and extends service life. With protective cage on the winding end of the armature and reinforced winding on the armature
- Guard hood with keyless adjustment
- Spindle lock
- Handle can be fitted on left or right

TECHNICAL DATA L 125 18.0-EC

Max. disc Ø	125 mm
No-load speed	8500 rpm
Battery voltage	18 V
Tool holder	M 14
Weight (without battery)	1.75 kg

L 125 18.0-EC

18V cordless angle grinder
complete set

Part	Part no.	Price excl. VAT
L 125 18.0-EC	461.725	€ 249.00
L 125 18.0-EC/5.0 Set	417.947	€ 459.00

Standard supply 461.725

- 1 disc guard 125 Ø grinding
- 1 handle
- 1 face spanner
- 1 clamping flange
- 1 clamping nut
- 1 carrying case L-BOXX® 136
- 1 case insert

417.947 additionally contains

- 2 rechargeable batteries 5.0 Ah AP 18.0/5.0
- 1 charger CA 10.8/18.0



**The class above
2000 watts – pure power
and impressive performance**



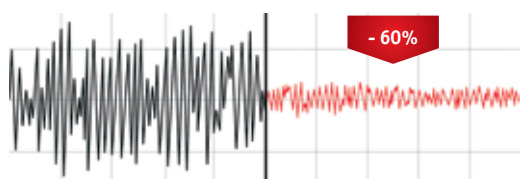
2100 watt angle grinder

The rugged all-rounder

Powerful 2100 watt motor for heavy cutting and roughing work, available with a disc diameter of 180 mm or 230 mm. Rear handle with Soft-Grip inserts and housing dampers for enhanced comfort.

TECHNICAL DATA L 21-8 180 / L 21-6 230

Max. disc Ø	180 / 230 mm
No-load speed	8300 / 6500 rpm
Power consumption	2100 watts
Power output	1250 watts
Tool holder	M 14
Collar Ø	64 mm
Cable length	4.0 m
Weight	4.7 / 4.9 kg



Without vibration damping

With FLEX SoftVib handle

L 21-8 180

L 21-6 230

2100 watt angle grinder

Part	Part no.	Price excl. VAT
L 21-8 180	392.782	€ 169.00
L 21-6 230	391.514	€ 159.00

2100 watt angle grinder

- Rugged motor and gearbox housing: the stable and rugged steel gearbox and the spindle bearing protected by a metal cap increase reliability and service life
- Ergonomically designed, very slim motor housing provides optimum guidance and handling, additional vibration damping is provided by a vibration damping ring between the motor housing and rear handle
- SoftVib handle reduces vibrations, can be mounted in three positions
- Rear shaft handle with Soft-Grip insert for a secure grip
- Switch with safety catch and lock
- Soft start and restart protection after a power failure
- Side caps for simple brush change
- Spindle lock
- Guard hood with keyless adjustment
- Cutting disc guard or cutting disc guard cover available as optional extra

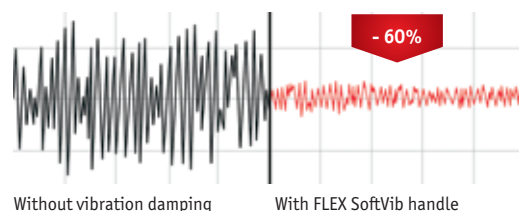
2400 watt angle grinder

The rugged all-rounder with more power

When more power is required! 2400 watt power motor for heavy cutting and roughing work. Soft-Grip inserts in rear handle for greater comfort.



TECHNICAL DATA L 24-6 230	
Max. disc Ø	230 mm
No-load speed	6500 rpm
Power consumption	2400 watts
Power output	1450 watts
Tool holder	M 14
Collar Ø	64 mm
Cable length	4.0 m
Weight	5.8 kg



2400 watt angle grinder

- Rugged motor and gearbox housing: the stable and rugged steel gearbox and the spindle bearing protected by a metal cap increase reliability and service life.
- Ergonomically designed, very slim motor housing provides optimum guidance and handling.
- SoftVib handle reduces vibrations, can be mounted in three positions
- Rear shaft handle with Soft-Grip insert for a secure grip
- Switch with safety catch and lock
- Soft start and restart protection after a power failure
- Side caps for simple brush change
- Spindle lock
- Guard hood with keyless adjustment
- Cutting disc guard or cutting disc guard cover available as optional extra

L24-6 230

2400 watt angle grinder

Part	Part no.	Price excl. VAT
L 24-6 230	391.522	€ 179.00



Power which is utterly convincing



Very powerful, durable 2,600 watt motor
Sufficient power reserves even for the most demanding work

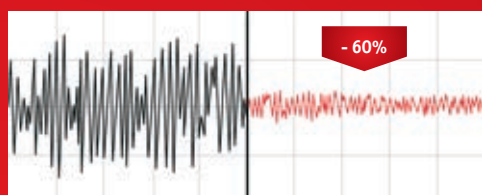
Spindle lock + SDS-Clc nut
Spindle lock and quick-clamp nut for simple tool change

Disc guard
Key-less adjustment by means of clamping lever

incl. SDS-CLIC
Quick-clamp nut



Side handle M 14
FLEX SoftVib handle reduces vibrations by up to 60%



Without vibration damping With FLEX SoftVib handle

- Microprocessor control
- Restart protection
Prevents the tool from accidentally starting up after a power failure
 - Soft start
Ensures a controlled power increase
 - Overload protection
 - CDC: Constant Drive Control. Constant-speed control even under load
 - Anti-Kick Back
Prevents the tool from kicking back if the disc jams.

Brushes are easy to replace
thanks to separate housing cover on side

Damping element
between handle and motor housing reduces vibrations

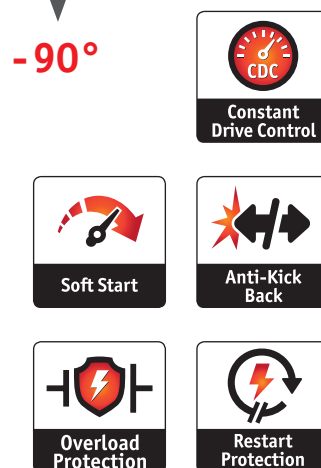


Slim rear handle
Tool can be held securely in any situation. Grip can be turned through 90° to the right or left to achieve the best possible working position

+ 90° - 90°

2600 watt angle grinder

Pure power



2600 watt angle grinder – T-Rex

- Rugged motor and gearbox housing: the stable and rugged steel gearbox and the spindle bearing protected by a metal cap increase reliability and service life.
- Ergonomically designed, very slim motor housing provides optimum guidance and handling, additional vibration damping is provided by a vibration damping ring between the motor housing and rear handle
- SoftVib handle reduces vibrations, can be mounted in three positions
- Rear shaft handle with soft insert for a secure grip, grip can be turned through 90° to the right or left to achieve the best possible working position
- Switch with safety catch and lock
- Microprocessor control with soft start, restart protection after power failure, overload protection, CDC constant-speed control
- Anti-Kick Back prevents the tool from kicking back if the disc jams.
- Side caps for simple brush change
- Spindle lock
- SDS-Clc quick-clamp nut for a fast and keyless tool change
- Guard hood with keyless adjustment
- Cutting disc guard or cutting disc guard cover available as optional extra

L 26-6 230

2600 watt angle grinder

Part	Part no.	Price excl. VAT
L 26-6 230	436.704	€ 249.00

Recommended accessory
Carrying case TK-S L230/LD180



Part	Part no.	Price excl. VAT
TK-S L230/LD180	444.391	€ 50.20

incl. SDS-CLIC
Quick-clamp nut



TECHNICAL DATA L 26-6 230

Max. disc Ø	230 mm
No-load speed	6500 rpm
Power consumption	2600 watts
Power output	1800 watts
Tool holder	M 14
Collar Ø	64 mm
Quick-clamp nut	M 14 SDS-CLIC
Cable length	4.0 m
Weight	6.35 kg

Accessories

For further accessories see main catalogue



L 8-11 115 / 125, LE 9-11 125, L 10-11 125, L 14-11 125,
LE 14-11 125, LE 14-7 125, L3406 VRG, L 15-10 150

Double-sided cutting guard not available for Ø 150 mm and Ø 180 mm	125 mm	437.069	
	L 3406 VRG, LE 14-7 125	409.774	
Cover can be retrofitted for cutting work	125 mm	446.041	
	150 mm	454.087	
Extraction hood set to be installed on existing disc guard, not available for Ø 150 mm and Ø 180 mm	125 mm	445.479	
Disc guard with removable edge segment only recommended for angle grinders of 1,400 W upwards, only for small surfaces, not intended as a replacement for renovation sander	125 mm	452.572	
Quick-clamp nut	FixTec M 14	313.459	
SoftVib handle not available for L 15-10 150, included with all large two-hand angle grinders	GS-M M8 SV	325.376	
SoftVib handle with integrated, patented face spanner not available for L 15-10 150 and all large two-hand angle grinders	GS-M M8 SV / S	316.857	
Diamond cut-off wheel standard for concrete not available for L 21-8 180	125 mm	349.046	
Diamond cut-off wheel for tiles	115 mm	349.011	
	125 mm	349.038	
Carrying case	L-BOXX® 136	414.085	
	TK-S 1HD L-BOXX® insert for angle grinders	414.204	



L 21-8 180, L21-6 230, L 24-6 230, L 26-6 230

230 mm	389.625	
230 mm	446.068	
180 mm	446.718	
230 mm	445.487	

SDS-CLIC M14	253.049	
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GS-M M14 SV	325.384	
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230 mm	349.054	
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TK-S L 230 / LD 180	444.391	
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Always the right choice

The original

Material	Application/data			
		L8-11 115 / 125	LE 9-11 125	L 10-11 125
	Disc Ø mm	115 / 125	125	125
	Power (watts)	800	900	1050
	Speed (rpm)	11500	6000 / 11500	11500
	Adjustable		Yes	
 Steel black, galvanised, not tempered	Rough grinding discs			
	Cutting discs*			
	Surface grinding discs			
	Surface grinding Velcro discs			
	Surface grinding fibre discs			
	Cup-type disc brushes**			
	Paint-stripping and cleaning discs**			
 Steel corrosion- resistant/INOX	Cutting discs*			
	Surface grinding discs			
	Surface grinding Velcro discs			
	Surface grinding fibre discs			
	Cup-type disc brushes**			
	Paint-removal and cleaning discs**			
	Polishing discs, polishing fleeces etc.			
 Cast steel	Rough grinding discs			
	Cut-off wheels*			
	Surface grinding discs			
	Surface grinding fibre discs			
 Nonferrous metals, plastics	Cut-off wheels*			
	Surface grinding discs			
	Surface grinding Velcro discs			
	Paint-removal and cleaning discs**			
	Polishing discs, polishing fleeces etc.			
 Concrete, ceramic, natural and artificial stone and sandstone	Diamond cut-off wheels			
	Diamond cup-shaped discs			
	Diamond surface grinding pads			

Note:

* A diamond wheel is required for cutting; a special cutting guard is required when resin-bonded discs are used.

** Max. rpm as stated by brush manufacturer, bear in mind the heat generation when working with INOX.

3-year warranty

Simply register and use the 3-year warranty immediately.

FLEX Service App

The FLEX Service App is a clear plus for all users of FLEX electric tools. The registration* extends the warranty of your FLEX professional tool. You are protected for up to three years against unexpected repair costs – even after the statutory warranty period has expired.

The condition is that you register your tool within 30 days of purchase. The FLEX Service App gives you the following benefits:

- Warranty period extended to three years
- Service certificate if a repair becomes necessary
- Tracking of repair status if the machine is under warranty

Access is available directly from <https://warranty.flex-tools.com> or via www.flex-tools.com. For mobile use, you can find the FLEX Registration App as a free download in the Apple Store (iOS) or Google Play Store (Android) as well.



Find us on 

** Registration and the associated 3-year warranty are available only in Germany and Austria.*

More information about our range of angle and straight grinders is available from your trained specialist retailer or at www.flex-tools.com

FLEX
Das Original

FLEX-Elektrowerkzeuge GmbH
Bahnhofstrasse 15
71711 Steinheim
Germany
www.flex-tools.com

Your FLEX retailer:

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