



## For fine and coarse work: FEIN straight grinders.

Powerful, robust and highly versatile: FEIN straight grinders don't just deliver impressive grinding results. They are also the number one choice for brushing and polishing and for example when reworking tools. Ideal whether you are working with stainless steel, repairing vehicles or involved in special vehicle construction. FEIN straight grinders guarantee efficient, safe working and optimum results. With speed ranges of between 4,500 and 45,000 rpm and power levels of between 280 and 1,400 watts. These grinders are known for their FEIN robustness, reliability and manageability. For every job.





## Die Grinder, 4500/min

### AHSI 636 c

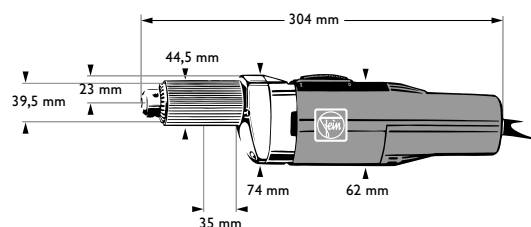
Straight grinder for brushing and polishing.

Technical data		
Model	AHSI 636 c	
Input	W	280
Output	W	150
Speed, no load	R.P.M	4500
Cable with plug	m	3
Weight	kg	1,5
Disc fitting		
Drill chuck max. Ø	mm	10
Grinding wheel for max. Ø x width	mm	50 x 10
<b>Order Reference</b>	<b>7 223 02</b>	
<b>Included in price</b>		
1 set of keys		

### FEIN BENEFITS

- ▶ Speed perfectly adapted to brushing and polishing tools.
- ▶ Small, compact design prevents fatigue.
- ▶ Tool holder with key-type drill chuck up to Ø 10 mm for using a wide range of tools with shank.
- ▶ Drill chuck with protective cover.
- ▶ Drilling in steel up to Ø 4 mm.
- ▶ Motor safety plug.

For accessories, see page 157





## Die Grinder, 45 000/min

### MSh 635

Powerful straight grinder for high-speed tool and mould-making.

#### Technical data

Model	MSh 635	
Input	W	350
Output	W	220
Speed, no load	R.P.M	45 000
Cable with plug	m	2,5
Weight	kg	1
Fitting		
Collet Ø	mm	3
Grinding wheel for max. Ø	mm	13
<b>Order Reference</b>	<b>7 223 12</b>	

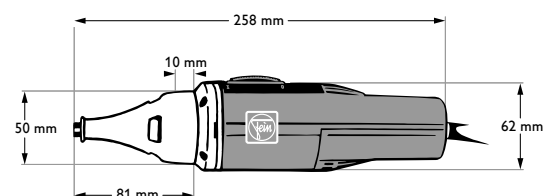
#### Included in price

1 key, 1 retaining pin, 1 handle, 1 plastic carrying case

#### FEIN BENEFITS

- ▶ Speed optimised for grinding and milling.
- ▶ Short, compact design for restricted spaces.
- ▶ Safe and comfortable work thanks to handle that can be swivelled.
- ▶ Collet for shank up to Ø 3 mm.
- ▶ Available only in 230V.

For accessories, see page 157





## Die Grinders, 33 500/min

### MSh 636-1

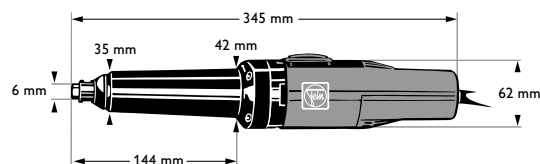
High-speed straight grinder for places that are difficult to reach.

Technical data		
Model	MSh 636-1	
Input	W	280
Output	W	150
Speed, no load	R.P.M	33 500
Cable with plug	m	4
Weight	kg	1,5
Fitting		
Collet Ø	mm	6
Grinding wheel for max. Ø	mm	20
<b>Order Reference</b>	<b>7 223 03</b>	
<b>Included in price</b>		
1 set of keys		

### FEIN BENEFITS

- ▶ Long narrow neck allows tool to plunge a long way into workpieces (e.g. grinding inside pipes).
- ▶ Spindle with multiple bearings for quiet operation and therefore precise working.
- ▶ Collect for shank up to Ø 6 mm.

For accessories, see page 157



**General accessories**

**tool case**

Plastic, 450 x 310 x 135 mm



Order Reference 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, max 5 items/box.



Order Reference 3 39 01 119 00 0

**AHSI 636 c**

**Wheel arbor**

for grinding wheel



Order Reference 6 38 03 058 01 1

**MSh 636-1**

**Support**

Tool holder for use on lathes when grinding inside parts.



Order Reference 3 18 01 010 01 2

**MSh 635**

**Collets**



Ø mm	Order Reference
3	6 32 07 097 00 0
6	6 32 07 103 00 9

Collet chuck Ø 6 mm, suitable only for inserting HM, HSS, and diamond-tooth and -coated milling cutters.

**Collets**

Depth 30 mm



Ø mm	Order Reference
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



## Straight Grinder, 23 000/min

### MSh 648-1

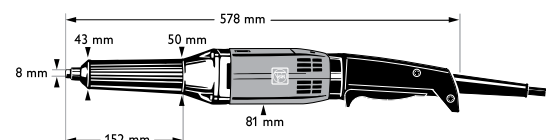
Powerful straight grinder for medium-speed tool and mould-making.

Technical data		
Model	MSh 648-1	
Input	W	650
Output	W	420
Speed, no load	R.P.M	23 000
Cable with plug	m	4
Weight	kg	3,1
Fitting		
Collet Ø	mm	8
Grinding wheel for max. Ø	mm	50
<b>Order Reference</b>	<b>7 223 14</b>	
<b>Included in price</b>		
1 collet Ø 8 mm, 1 set of keys		

### FEIN BENEFITS

- ▶ Spindle with multiple bearings for quiet operation and therefore precise working.
- ▶ Long narrow neck allows the tool to be deeply plunged inside workpieces and moulds.
- ▶ Collect for shank up to Ø 8 mm.
- ▶ Available only in 230V.

For accessories, see page 161





## Straight Grinder, 26 500/min

### MShe 648-1

Powerful straight grinder with variable speed.

#### Technical data

Model	MShe 648-1	
Input	W	650
Output	W	420
Speed, no load	R.P.M	8500-26 500
Cable with plug	m	4
Weight	kg	3,1
Fitting		
Collet Ø	mm	8
Grinding wheel for max. Ø	mm	50
<b>Order Reference</b>	<b>7 223 14 95</b>	

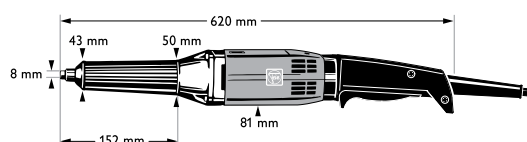
#### Included in price

1 set of keys

#### FEIN BENEFITS

- ▶ Adjustable speed allows different tools to be used.
- ▶ Spindle with multiple bearings for quiet operation and therefore precise working.
- ▶ Narrow, non-slip neck and handle for a secure grip.
- ▶ Collect for shank up to Ø 8 mm.
- ▶ Available only in 230V.

For accessories, see page 161





## Die Grinder, 5200/min

### MShy 648-1 Z

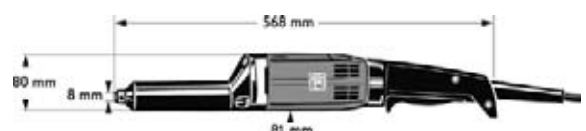
Powerful straight grinder for working with stainless steel.

Technical data		
Model	MShy 648-1 Z	
Input	W	650
Output	W	420
Speed, no load	R.P.M	5200
Cable with plug	m	4
Weight	kg	3,1
Fitting		
Collet Ø	mm	8
Grinding wheel for max. Ø	mm	50
<b>Order Reference</b>	<b>7 223 13</b>	
<b>Included in price</b>		
1 set of keys		

### FEIN BENEFITS

- ▶ Speed optimised for working with stainless steel, satin-finishing and polishing corners and edges.
- ▶ Spindle with multiple bearings for quiet operation and therefore precise working.
- ▶ Narrow, non-slip neck and handle for a secure grip.
- ▶ Collect for shank up to Ø 8 mm.
- ▶ Available only in 230V.

For accessories, see page 161







**General accessories**

**tool case**

metal 700 x 180 x 100 mm



Order Reference 3 39 01 021 01 1

**Grinding wheel**

36 x 10 x 13 mm



Model

Order Reference

NK 24 (A) 6 37 07 008 00 2

SC 24 (C) 6 37 07 009 00 6

**Wheel arbor**

for grinding wheel



Order Reference 6 38 03 058 01 1

**Collets**

Depth 30 mm



Ø

mm Order Reference

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

Grinding



## Straight grinder, 8300/min

### MShy 649-1

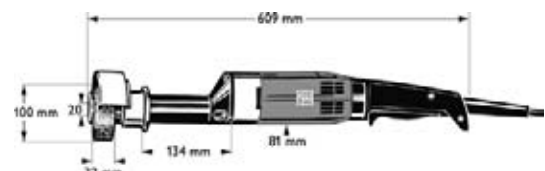
Straight grinder for tough grinding and polishing applications.

Technical data		
<b>Model</b>		<b>MShy 649-1</b>
Input	W	750
Output	W	480
Speed, no load	R.P.M	8300
Cable with plug	m	5
Weight	kg	3,6
Fitting		
Flange		M 12
Grinding wheel for max. Ø x width	mm	100 x 32/28
<b>Order Reference</b>		<b>7 224 04</b>
<b>Included in price</b>		
1 wheel guard, 1 pair of flanges, 1 set of keys		

### FEIN BENEFITS

- ▶ Speed designed for using flap wheels.
- ▶ Powerful motor for tools of up to Ø 100 mm.
- ▶ Clamping tools with flanges.
- ▶ M 12 holder.
- ▶ Wheel guard which can be twisted.
- ▶ Motor safety plug.
- ▶ Available only in 230V.

For accessories, see page 164





## Straight Grinder, 6900/min

### MShy 664-1

Straight grinder for rough grinding work.

#### Technical data

Model	MShy 664-1	
Input	W	1400
Output	W	920
Speed, no load	R.P.M	6900
Cable with plug	m	4
Weight	kg	4,5
Fitting		
Flange		M 12
Grinding wheel for max. Ø x width	mm	125 x 32/26
<b>Order Reference</b>	<b>7 224 05</b>	

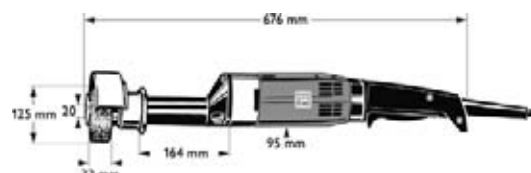
#### Included in price

1 wheel guard, 1 pair of flanges, 1 set of keys

#### FEIN BENEFITS

- ▶ Powerful straight grinder for tools of up to Ø 125 mm.
- ▶ Clamping tools with flanges.
- ▶ Can be extended into a belt sander with a band width of 30 or 50 mm using sanding arm.
- ▶ M 12 holder.
- ▶ Available only in 230V.

For accessories, see page 164



**General accessories**

**Inner flange**

Order Reference 6 38 01 096 00 1

**Spacer sleeve**

Order Reference 3 05 01 242 00 1

**Threaded flange**

Order Reference 6 38 02 105 00 0

**MShy 649-1**

**tool case**

metal 700 x 180 x 100 mm



Order Reference 3 39 01 021 01 1

**FLAP WHEEL**

100 x 30 x 20 mm



Grain	Order Reference
80	6 37 21 002 00 4

**MShy 664-1**

**tool case**

metal 690 x 240 x 160 mm



Order Reference 3 39 01 022 01 4

**Small belt sander**

consisting of sanding arm with guide pulley, contact plate, wheel flange and retention pin. Peripheral speed 36 m/s.



Width mm	Order Reference
50	6 38 10 011 01 6
30	6 38 10 025 02 0

**Contact disc**

Ø 100 mm, wear part  
suitable for small belt sanders



Width mm	Order Reference
50	6 38 06 077 00 5
30	6 38 06 076 00 1

**Retaining pin**

Wear part  
suitable for small belt sanders

Order Reference 6 29 13 004 00 0

**Linen sanding belt**

for small belt sanders length 800 mm, width 50 mm  
for grinding



Grain	Order Reference
40	6 37 14 011 00 9
60	6 37 14 012 00 2

for finishing



Grain	Order Reference
80	6 37 14 013 00 6
120	6 37 14 014 00 4
180	6 37 14 015 00 8
220	6 37 14 026 00 0
320	6 37 14 027 00 4
80	6 37 14 006 00 2
120	6 37 14 007 00 6
180	6 37 14 008 00 4
220	6 37 14 009 00 8
320	6 37 14 010 00 0

for small belt sanding Length 800 mm, width 30 mm  
for sanding

Grain	Order Reference
40	6 37 14 004 00 5
60	6 37 14 005 00 9