Introduction	3
Tools	5
DREMEL® 300 Series	6
DREMEL® 400 Series DIGITAL	9
DREMEL® 10.8 V Lithium-Ion	12
DREMEL® Stylus™ Lithium-Ion	14
DREMEL® Glue Gun	16
DREMEL <sup>®</sup> Scroll Station™	18
Accessories	21
Carving / Engraving / Routing	22
Grinding / Sharpening	25
Cleaning / Polishing	28
Cutting	32
Sanding	36
Collets / Mandrels / Miscellaneous	38
Accessory Kits	41
Attachments	47
Attachments to Reach	48
Attachments to Rout	49
Attachments to Sharpen	50
Attachments to Cut	51
Attachments to Control	53
Attachments to Saw	55
Miscellaneous	57
Battery Packs	58
Goggles	58

1



Miscellaneous	57
Scroll saw blades	59
Glue sticks	59
Index by category	60
Index by numbers	63
EAN-Codes	64

# Introduction

Dremel is the inventor of the famous high speed rotary tool system which you can use for a great number of projects where precision is required, both indoor and out. DIY-projects: like fixing a hinge of a door or sanding parts of a wooden swing. Hobby projects: like making model planes, or fixing parts of your classic car. Creative projects: like engraving glass, wood or other materials.

The possibilities with the Dremel system are almost infinite. With your Dremel you become the expert in handling projects with great detail and precision even in hard to reach places. Whether you're an experienced craftsman working with great care on details of a car or model plane, or a beginner, taking on hobby projects, the Dremel system is perfect for anyone looking for precision and a wide variety of possibilities. The innovative Dremel System has developed into a great range of tools and over 150 accessories and attachments.

The Dremel system consists of three components:

- A. Tools
- B. Accessories
- C. Attachments

In this brochure the Dremel system will be explained, so you will find the right tools, attachments and accessories for every project.



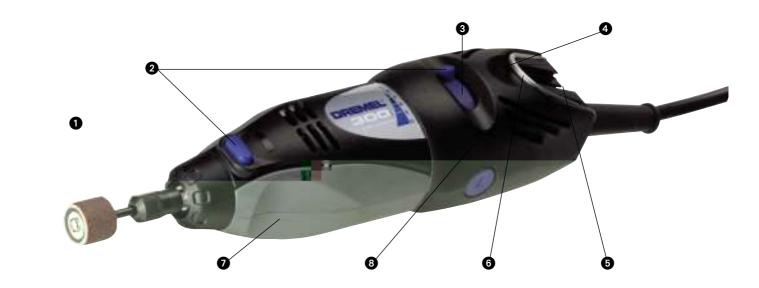


# Tools

Dremel has created a number of high speed rotary tools, corded as well as cordless. Every tool has specific features that makes it unique in its class. Dremel has developed each tool to meet the highest quality standards and optimise your enjoyment and comfort while working.

DREMEL® 300 Series	DREMEL® 300 Series (300-25) DREMEL® 300 Series (300-1/55)	
DREMEL® 400 Series DIGITAL	DREMEL® 400 Series DIGITAL (400-1/55) DREMEL® 400 Series DIGITAL (400-4/80)	

# DREMEL® 300 Series



### **Technical specifications**

Rated power input	125 W
Voltage	230 V
Weight	0,55 kg
No load speed	10.000 - 33.000 1/min

The Dremel 300 series is the new Dremel multitool, which is unique for its ergonomic design. It offers the user a comfortable grip with a convenient lightweight housing. The Dremel 300 Series is the ideal tool for users that like to perform detailed tasks, whether it's occasionally or regularly. Use the high quality Dremel accessories and attachments, to discover numerous possibilities: detailed sanding, precise routing, polishing for a great finish or even cutting through all kinds of materials, the only limit is your imagination. With the Dremel 300 Series, Dremel offers great quality at a very affordable price.

### **Features and Benefits**

- New and unique design improved ergonomics and increased comfort
- Comfort switches to match the speed to the project at hand
- Variable speed 10.000 33.000 RPM
  more comfortable when handling and better control
- Attachment interfaces
   to attach DREMELite and other (future) attachments
- On-board wrench storage to have the wrench always at hand and nicely stored
- **Integrated hang hook** for hanging the tool on the WorkStation or near the project
- Soft grip
  - for reduced vibration and a better grip
- 8 125W motor
  - for optimal performance



# DREMEL® 300 Series (300-25)

This kit includes the Dremel 300 series multitool in a convenient storage case for containment of accessories and attachments. The case features a unique system for attaching Mini Accessory Cases (mini cases not included) to expand storage possibility. This execution is the entry level kit, offering the Dremel 300 Series with a selected amount of accessories.

## Contents

Dremel 300 Series 25 high quality Dremel accessories Convenient and elegant storage case Inspiring Welcome Poster



### Included accessories

Carving / Engraving / Routing	191	
Grinding / Sharpening	952	
Cleaning / Polishing	414     429     421	
Cutting	409(5)	
Sanding	407 408(2) 432 413(9)	
Collets / Mandrels / Miscellaneous	401 402	
Order information	Ordernumber: F0130300JB	EAN: 8710364030491

# DREMEL® 300 Series (300-1/55)

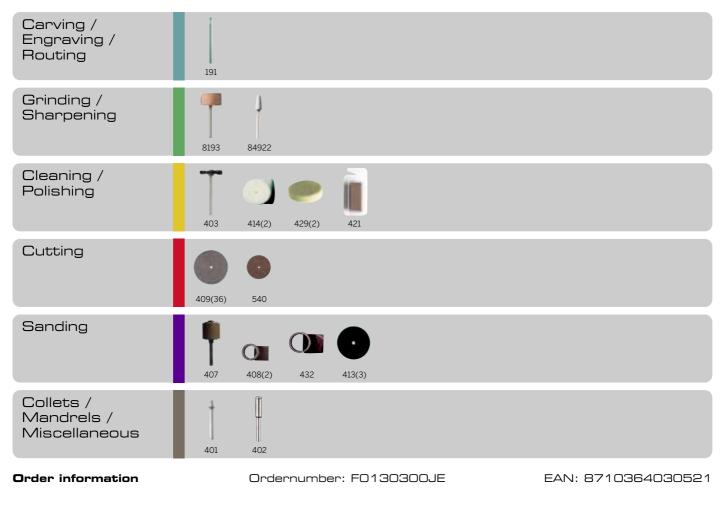
This kit includes the Dremel 300 series multitool, a rich accessory content and the versatile, high quality Dremel Flexible Shaft. All this fits in a convenient case, that has the possibility of expanding storage space by sliding the Mini Accessory Case to the side of the tool case (1 accessory set included). This is a high value kit, offering great value for money for the more demanding user.

### Contents

Dremel 300 Series 55 high quality Dremel accessories in Mini Accessory Case Dremel high quality Flexible Shaft Convenient and elegant storage case Inspiring Welcome Poster



### Included accessories



# DREMEL® 400 Series DIGITAL



### **Technical specifications**

Rated power input	140 W
Voltage	230 V
Weight	0,59 kg
No load speed	5.000 - 33.000 1/min

The Dremel 400 Series Digital is the perfect multitool for projects that require the utmost precision. Thanks to the unique digital display, you can work more precisely on several materials that require different speed settings, either low or high. Combined with the convenient tool design, this multitool is the perfect partner for every job demanding precision and control. Restoring delicate parts in antique furniture, on detailed woodworking, polishing chrome on low speed, or drilling miniature holes in several materials; this tool is an absolute must for the most demanding craftsman. The Dremel 400 Series Digital: maximum precision and control.

### **Features and Benefits**

# Slim housing design

- allows maximum control and excellent grip **2 Variable speed control 5.000 - 33.000 RPM** 
  - for exact speed adjustment in 1.000 RPM increments

#### 3 LCD display shows exact speed settings

#### Separate on/off switch

provides increased control and keeps speed setting after tool is switched off

- **5 140W motor** for maximum performance
- Electronic feedback control enhances the torque and performance at low and mid range speeds

• Soft start function improves the lifetime of the motor

Hang hook

for hanging the tool on the WorkStation or near the project



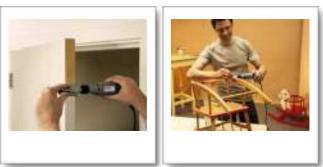
# DREMEL® 400 Series DIGITAL (400-1/55)

This kit includes the top-of-the range Digital Multitool from Dremel, with innovative features such as digital speed control, LCD display, electronic feedback circuitry and soft start. Additionally, the kit includes the unique Planer Attachment, which allows for very precise material removal on a variety of home craft and home maintenance projects. Next to the Planer Attachment, the kit includes 55 original Dremel accessories and a sturdy carrying case.

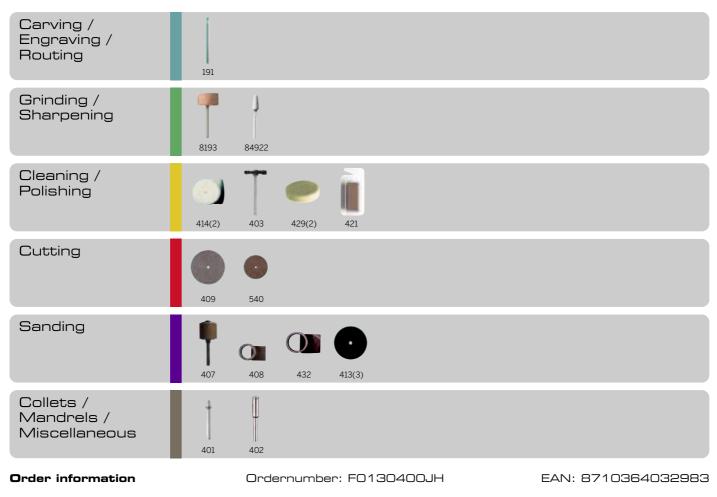
### Contents

Dremel 400 Series Digital 55 high quality Dremel accessories Planer attachment Planer bit Sturdy and spacious storage case Inspiring Welcome Poster





### Included accessories



10

# DREMEL® 400 Series DIGITAL (400-4/80)

This Dremel Kit is the premium offer in the range. The Dremel 400 Series Digital comes with 2 mini accessory cases, 80 accessories and 4 unique Dremel attachments in a spacious and highly convenient storage case. All together this kit offers the user maximum precision and control for many applications.

This execution is the supreme kit in the Dremel range, satisfying even the most demanding craftsman.

### Contents

Dremel 400 Series Digital 80 high quality Dremel accessories in 2 Mini Accessory Cases High quality Flexible Shaft Line and Circle Cutter Cutting Guide Attachment Lawn Mower Sharpening Attachment Sturdy and spacious storage case Inspiring Welcome Poster



#### Included accessories

Carving / Engraving / Routing	191								
Grinding / Sharpening	932	8193	84922	541(2)					
Cleaning / Polishing	403	425(2)	422	414(2)	429(2)	421			
Cutting	426	409(36)	540(2)	561					
Sanding	407	<b>0</b> 408(3)	<b>()</b> 432(3)	<b>413(15)</b>					
Collets / Mandrels / Miscellaneous	150	401	402						
Order information		Orde	rnumbe	er: FO1	30400	JE	EAN: 87	10364031	1412

# DREMEL® 10.8 V Lithium-Ion



## **Technical specifications**

Battery voltage	10,8 V
Charging time	3 h
Weight	0,424 kg
No load speed	5.000 - 35.000 1/min
Battery technology	Lithium-Ion

The Dremel 10.8 V Lithium-Ion is the fastest (5,000-35,000 RPM) and most powerful cordless rotary tool available. Thanks to its lithium-ion technology: The tool is lightweight and easy to handle. The battery retains its power even after not using it for a long period of time. The tool can be charged at any time without damaging the battery capacity. The Dremel 10.8V Lithium-Ion: ready when you are, wherever you are!

### Features and Benefits

#### 1 Lightweight design

which makes the tool easy to handle

- Soft grip
  - for reduced vibration and a better grip
- Battery fuel gauge which indicates the current battery capacity
   Lithium- ion battery
  - no memory effect and no self discharge
- **5 Ergonomic housing** increases comfort when working the tool
- **6** Attachment interfaces to attach DREMELite and other (future) attachments



# DREMEL® 10.8V Lithium-Ion (8000-60)

The Dremel 10.8V Li-ion Cordless tool is the first power tool in the world to feature Li-ion battery technology. Liion batteries can be charged at any time, have no selfdischarge and weigh up to 30% less than conventional NiCd cells. Most importantly, Li-ion technology allows this cordless tool to perform like a corded tool. In addition to the tool, the kit features a 3 hour charger, a soft bag and 60 original Dremel accessories.

### Contents

60 high Quality Dremel accessories 3 hours quick charger Soft bag the Dremel 10.8V Lithium-Ion™ 3,2 mm collet Collet nut Collet wrench Inspiring Welcome Poster



### Included accessories

Carving / Engraving / Routing	191							
Grinding / Sharpening	541	8193	84922	932				
Cleaning / Polishing	414(5)	425(2)	429(3)					
Cutting	409(15)	420(2)						
Sanding	407	<b>0</b> 408(4)	411(10)	430	<b>431(3)</b>	432(3)	<b>438(3)</b>	
Collets / Mandrels / Miscellaneous	150	401	402					
Order information		Orde	rnumbe	er: FO′	138000	JJG		EAN: 8710364032952

# DREMEL® Stylus™ Lithium-Ion



## **Technical specifications**

New

Battery voltage	7,2 V
Battery capacity	1,0 Ah
Charging time	5 h
Weight	0,295 kg
No load speed	5.000 - 25.000 1/min
Battery technology	Lithium-Ion

The unique size and design of the Dremel<sup>®</sup> Stylus<sup>™</sup> Lithium-lon makes this tool very convenient to use, resulting in maximum precision and control. The ergonomics of the Dremel Stylus<sup>™</sup> offer maximum maneuverability, allowing the user to reach high levels of precision. This new Dremel tool is designed for people, engaged in creative hands-on projects where precision is of the utmost importance. You can think of projects in the field of (glass) engraving, model building, creative inhouse decorating, etc.

Dremel Stylus, Precision Redefined.

### Features and Benefits

- Unique ergonomic design
   the Dremel Stylus feels like an extension of your hand
- Separate on-off switch allows you to keep your speed setting
- 3 Integrated wrench storage always have your wrench at hand
- Oharger holds accessories (shanked and non-shanked)
- Lithium-Ion battery (7.2V) always chargeable, no memory effect, no self discharge
  Softgrip
  - for a comfortable hold and reduced vibration
- Variable speed 5.000 25.000 RPM select the right speed for your project



# DREMEL® Stylus™ Lithium-Ion (1100-15)

This kit offers the brandnew Dremel Stylus with a selection of Dremel accessories. Especially when working on intricate and detailed work this kit is the right choice.

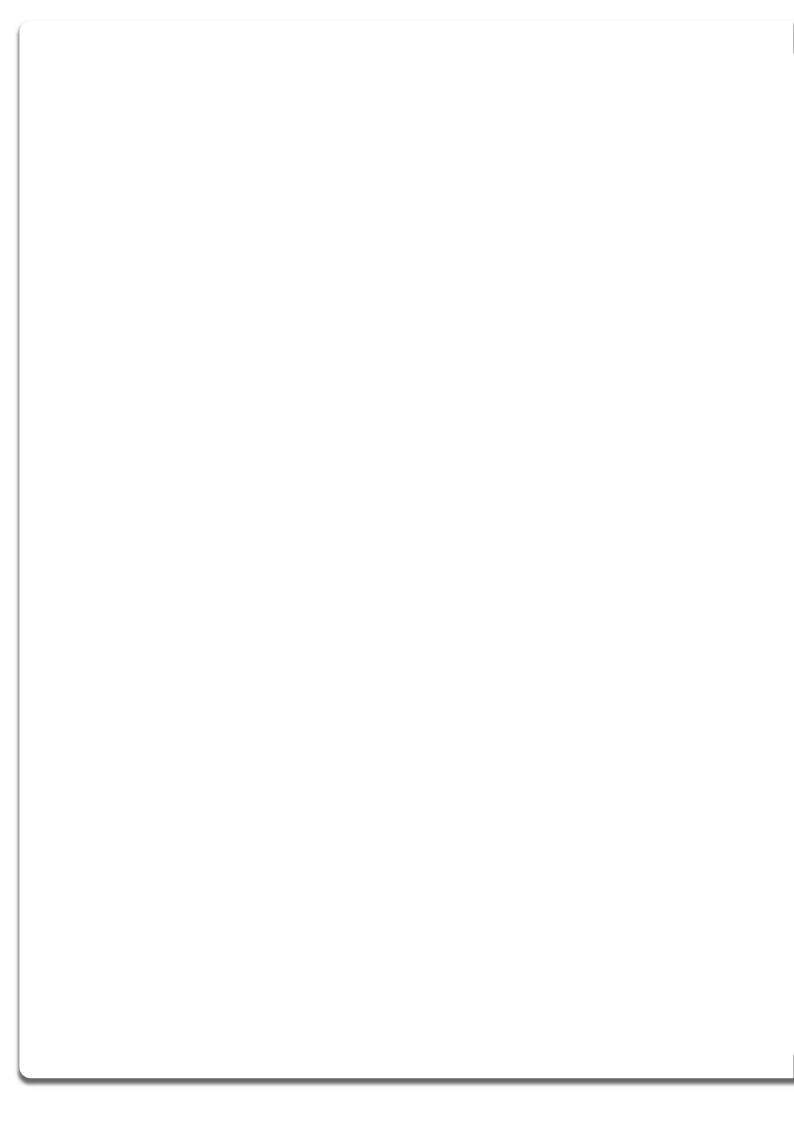
### Contents

Dremel Stylus Lithium Ion Charger 15 High quality Dremel accessories Welcome poster



### Included accessories





# DREMEL® Glue Gun (1200-3/6)



### Contents

Dremel Glue Gun
3 different nozzles
6 Glue sticks (dual temperature)

## **Technical specifications**

Rated power input	30 W
Voltage	230 V
Weight	0,36 kg
Dual temperature	120 / 195 °C



Order information

Ordernumber: F0131200JB

EAN: 8710364033904

# DREMEL<sup>®</sup> Scroll Station™



The Dremel ScrollStation is the most richly featured, most user-friendly and easy to control scrollsaw in the market. Its size and sturdiness, up front mounted controls, integrated disc sander and power take-off port allow you to work effortlessly and with high precision on a variety of detailed woodworking or other projects.

### Features and Benefits

# **1** 470 mm throat depth

cuts larger work pieces than most other scrollsaws in the market.

**2** Tool-less blade holder with quick tension adjustment

#### no tools needed for fast and easy saw blade change and adjustment of saw blade tension. ③ InfiniteCut<sup>™</sup> Blade holder

the blade can be rotated 90 degrees for infinite cutting length.

#### O Disc Sander

the included 12cm disc sander allows users to sand, shape, smooth and finish projects.

- Smooth cast-iron table the extra-large (520 mm x 385 mm) table, the extra-smooth finish and the sturdy support offer effortless work piece manipulation.
- **G 45-degree tilt left / 5-degree tilt right** detents lock into place every 15 degree up to 45 degree to the left and at 5 degree to the right with a positive

stop at 0 degree to quickly and easily square the table.

## Power take-off port

allows usage of the Dremel FlexShaft 225 (not included) by using the power supply of the sanding disc.

#### 8 Flexible dust blower

adjustable, multidirectional blower keeps cutting line clear for greater visibility.

#### Integrated Top handle

to move the tool easily.

### $\boldsymbol{\textcircled{0}}$ Accepts pin-end and plain-end saw blades

the blade-holder accepts all standard 127 mm scrollsaw blades, pin-end as well as plain-end blades without additional adapters.

### Blade storage

convenient blade storage drawer keeps blades at your fingertips.

#### Top-mounted controls

up-front control panel for easy access to on-off switch and variable speed adjustment (500-1500 SPM).

#### Hold down foot

metal guide to reduce work piece vibration and to improve working results.

# **W** Vacuum cleaner interface

keep working surface and tool clean and free of wood chips.

# Adjustable disc sander table and angle guide

table adjustable from 0 to 45 degrees. Removable angle guide adjustable 0±45 degrees.

#### Ovetail interface

18

allows click-on of the DREMELite attachment DL4 (available separately).













# DREMEL<sup>®</sup> Scroll Station<sup>™</sup> (1800-1/5)



### Contents

Scroll saw	Rated power input
Disc Sander	Voltage
5 scroll saw blades	Weight
Instruction manual	No load speed

## **Technical specifications**

Rated power input	110 W
Voltage	230 V
Weight	24,00 kg
No load speed	500 - 1.500 1/min
Cutting depth	470 mm



Order information

Ordernumber: F0131800JB

EAN: 8710364035014



# Accessories

To optimize your project result, you need the right accessories with a high quality standard. Dremel has created a range of accessories to suit all your needs. To help you select the right accessories, Dremel has created a colour coding system: every colour represents a category of applications. This will help you to select the right accessories you need for your jobs. No matter which materials you want to work with, Dremel has a solution for you.

Carving / Engraving / Routing	Dremel offers high quality carving, engraving and routing accessories for many different applications. Their sharpness and durability allow them to last a long time.	
Grinding / Sharpening	The accessories in this category can deburr, smooth, grind and clean a variety of materials in any kind of job.	
Cleaning / Polishing	Dremel cleaning and polishing accessories include brushes, felt accessories and rubber points to work on steel, aluminium, brass, silver, gold and plastics.	
Cutting	Dremel provides two types of cutting accessories for any cutting job; Cut-off wheels and cutting bits. Cut-off wheels cut metal,wood and plastic along their edge. Cutting bits are used with the Dremel cutting guide and cut in any direction.	
Sanding	Dremel sanding accessories include sanding drums, bands, discs, flapwheels and abrasive buffs to remove and smoothen material.	
Collets / Mandrels / Miscellaneous	This category features the miscellaneous extras, like drill bits, collets, mandrels and a multi- chuck.	
Accessory Kits	100-pcs Accessory Set (701) 110-pcs Accessory Set (697) 140-pcs Accessory Set (700) 175-pcs Accessory Set (698) Cleaning / Polishing Set (684) Multipurpose Set (687) Cutting Set (688)	

# Carving / Engraving / Routing

1. High Speed Cutters



High speed cutters can be used for shaping, hollowing, grooving, slotting, making tappered holes in soft metals, plastics and woods.

Model	Quantity	Working ø mm	Shank ø mm	Ordernumber	EAN
114	1	7,8	3,2	2615011432	8710364007868
196	1	5,6	3,2	2615019632	8710364007394
199	1	9,5	3,2	2615019932	8710364007400
194	1	3,2	3,2	2615019432	8710364007387
115	1	7,8	3,2	2615011532	8710364007332
117	1	6,4	3,2	2615011732	8710364007875
118	1	3,2	3,2	2615011832	8710364007349
125	1	6,4	3,2	2615012532	8710364007356
134	1	7,2	3,2	2615013432	8710364007912
144	1	7,8	3,2	2615014432	8710364007936
192	1	4,8	3,2	2615019232	8710364007363
193	1	2,0	3,2	2615019332	8710364007370

## 2. Engraving Cutters



Quality cutters for detail engraving, carving, routing in wood, fiberglass, plastic and soft metals.

Model	Quantity	Working ø mm	Shank ø mm	Ordernumber	EAN
105	1	0,8	2,4	2615010532	8710364007288
106	1	1,6	2,4	2615010632	8710364007295
107	1	2,4	2,4	2615010732	8710364007301
108	1	0,8	2,4	2615010832	8710364007318
110	1	1,9	2,4	2615011032	8710364007820
111	1	0,8	2,4	2615011132	8710364007837
113	1	1,6	2,4	2615011332	8710364007325

3. Diamond Wheel Points



For fine detail work, cutting, engraving, carving, touch-up and finishing. Use on wood, jade, ceramic, glass, hardened steel, semi-precious stones and other hard materials. Bits are covered with diamond particles.

Model	Quantity	Working ø mm	Shank ø mm	Ordernumber	EAN
7103	1	2,0	2,4	2615710332	8710364008469
7105	1	4,4	2,4	2615710532	8710364008476
7120	1	6,7	2,4	2615712032	8710364008490
7122	1	2,4	2,4	2615712232	8710364008506
7123	1	4,8	2,4	2615712332	8710364008513
7134	1	2,0	2,4	2615713432	8710364008520
7144	1	2,4	2,4	2615714432	8710364008537



Use for shaping, smoothing and material removal. Use on hardened steel, stainless steel, cast iron, nonferrous metals, fired ceramics, plastics, hardwoods and other hard materials.

Model	Quantity	Working ø mm	Shank ø mm	Ordernumber	EAN
9901	1	3.2	3.2	2615990132	8710364008605
9902	1	2,4	3,2	2615990232	8710364008612
9903	1	3,2	3,2	2615990332	8710364008629
9904	1	2,4	3,2	2615990432	8710364008636
9905	1	3,2	3,2	2615990532	8710364008643
9909	1	3,2	3,2	2615990932	8710364008667
9910	1	3,2	3,2	2615991032	8710364008674
9911	1	3,2	3,2	2615991132	8710364008681

# Carving / Engraving / Routing

5. Structured Tooth Tungsten Carbide Cutters

# Grinding / Sharpening

## 1. Aluminum Oxide Grinding Wheel



541

Use for deburring, rust removal and general purpose grinding. Use with mandrel 402.

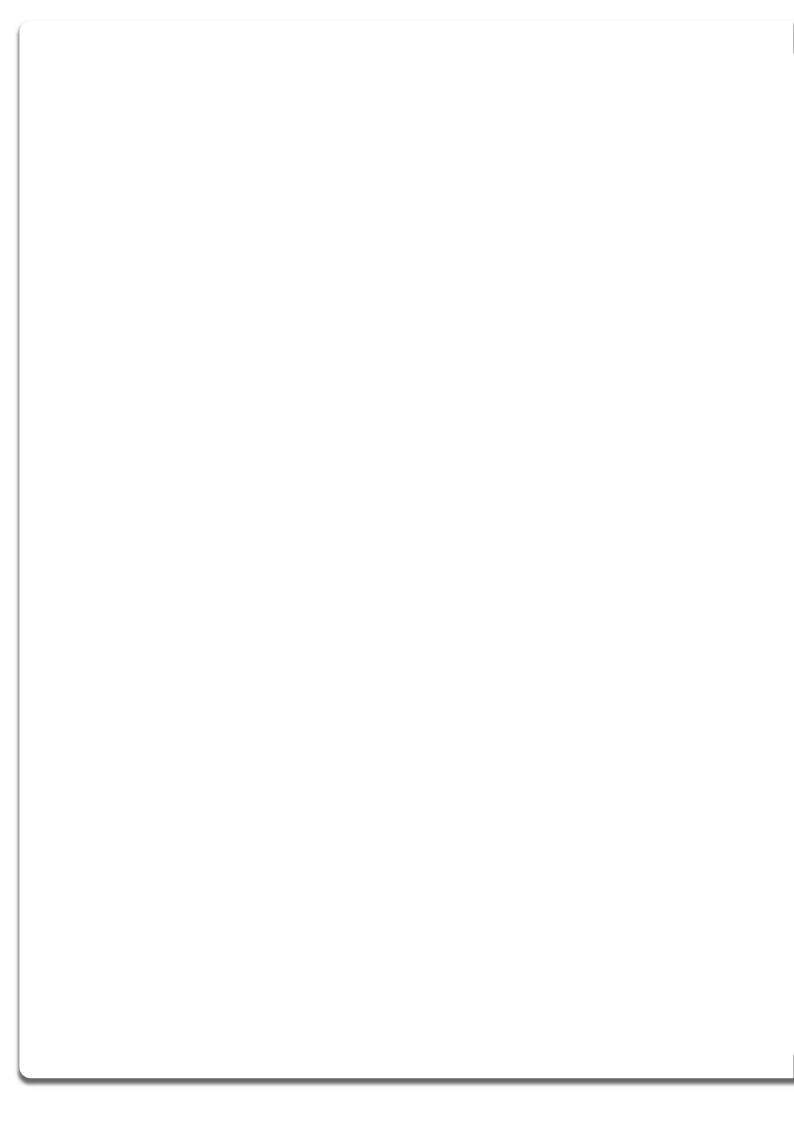
Model	Quantity	Working ø mm	Shank ø mm	Ordernumber	EAN
541	2	22,4	3,2	2615054132	8710364010523

## 2. Aluminum Oxide Grinding Stones



Use on metals, castings, welded joints, rivets and rust. Ideal for sharpening, deburring and general purpose grinding of most materials.

Model	Quantity	Working ø mm	Shank ø mm	Ordernumber	EAN
911	1	11,1	3,2	2615091132	8710364008056
932	1	9,5	3,2	2615093232	8710364007455
952	1	9,5	3,2	2615095232	8710364007462
953	1	6,4	3,2	2615095332	8710364007479
997	1	3,4	3,2	2615099732	8710364007486
8153	1	4,8	3,2	2615815332	8710364008124
8175	1	9,5	3,2	2615817532	8710364008131
8193	1	15,9	3,2	2615819332	8710364007493
8215	1	25,4	3,2	2615821532	8710364008148



# Grinding / Sharpening

5. Chainsaw Sharpening Grinding Stones



Precision ground for quick, easy sharpening of chain saw blades. Use with Dremel Chainsaw sharpening attachment No. 1453

Model	Guantity	Working ø mm	Shank ø mm	Ordernumber	EAN
453	2	4,0	3,2	2615045332	8710364009336
454	2	4,8	3,2	2615045432	8710364009329
455	2	5,6	3,2	2615045532	8710364009558
457	2	4,5	3,2	2615045732	8710364021697

# Cleaning / Polishing

1. Rubber Polishing Points



Blue points for finishing and polishing all ferrous metals. Removes small burrs and scratch marks left by grinding and sanding, and cleans and defines grooves. Also effective on many stones and ceramics.

Model	Quantity	Working ø mm	Shank ø mm	Ordernumber	EAN
4.61	1	<b>C A</b>	0.4	0615046100	0710064000000
461	T	6,4	2,4	2615046132	8710364008339
462	1	6,4	2,4	2615046232	8710364008346
463	1	6,4	2,4	2615046332	8710364008353

## 2. Impregnated Polishing Wheel



28

Impregnated polishing wheel for light stock removal and high luster polishing. Works on various surfaces like steel, aluminium, brass, silver, gold, hard plastic etc. The polishing wheel is impregnated with a silicon carbide abrasive and cooling lubricant, so polishing compound is not needed.

Model	Quantity	Working ø mm	Shank ø mm	Ordernumber	EAN
520	1	13,2	3,2	2615052065	8710364023035

## 3. Polishing Wheels



Ideal for polishing metals and plastics. Using polishing compound no. 421 with wheels produces a high luster. Use 414, 422 and 429 with mandrel 401. Use 423 and 425 with mandrel 402.

Model	Quantity	Working ø mm	Shank ø mm	Ordernumber	EAN
414	6	13,0	3,2	2615041432	8710364007141
422	1	10,0	3,2	2615042232	8710364007158
423	1	26,0	3,2	2615042332	8710364007165
429	1	26,0	3,2	2615042932	8710364007189
425	1	22,5	3,2	2615042532	8710364007172
421	1			2615042132	8710364008452

### 4. Bristle Brushes



Use for light deburring, cleaning, polishing of silverware, jewelry and other precious metals. Can be used with polishing compound (421).

Model	Quantity	Working ø mm	Shank ø mm	Ordernumber	EAN
403	1	19,0	3,2	2615040332	8710364007127
404	1	13,0	3,2	2615040432	8710364007134
405	1	3,2	3,2	2615040532	8710364008230

# Cleaning / Polishing

5. Carbon Steel Brushes



Versatile brush for removing rust and corrosion, polish metal surfaces, deburr and blend surface junctures or clean electrical components.

Model	Quantity	Working ø mm	Shank ø mm	Ordernumber	EAN
428	1	19,0	3,2	2615042832	8710364007196
442	1	13,0	3,2	2615044232	8710364007202
443	1	3,2	3,2	2615044332	8710364007219

## 6. High-Performance Abrasive Brush



High performance for deburring, cleaning, rust and corrosion removal. Can be used at higher speed than other brushes (max. 20.000 rpm)

Model	Quantity	Working ø mm	Shank ø mm	Ordernumber	EAN
538	1	26,0	3,2	26150538JA	8710364023066

30

# Cleaning / Polishing

7. Stainless Steel Brushes



Stainless steel brushes do not cause "after rust" when used on corrosive-resistant materials like pewter, aluminum and stainless steel.

Model	Quantity	Working ø mm	Shank ø mm	Ordernumber	EAN
530	1	19.0	3.2	2615053032	8710364010561
531	1	13,0	3.2	2615053132	8710364010578
532	1	3,2	3,2	2615053232	8710364010585

## 8. Brass Brushes

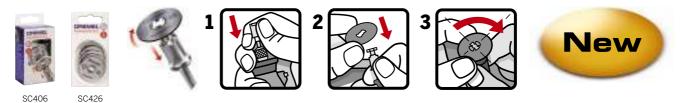


Brass brushes are non-sparking and softer than steel. They will not scratch soft metals like gold, copper, brass.

Model	Quantity	Working ø mm	Shank ø mm	Ordernumber	EAN
535	1	19,0	3,2	2615053532	8710364010530
536	1	13,0	3,2	2615053632	8710364010547
537	1	3,2	3,2	2615053732	8710364010554

# Cutting

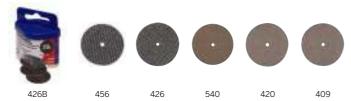
### 1. DREMEL® SpeedClic®



Dremel, the inventor of the Multitool, now brings you SpeedClic - an innovation that makes changing cut-off wheels quick and easy. Through a patented mandrel and wheel design, Dremel has found a way that enables you to change your accessory in 3 simple steps - Pull, Click, Twist - without using any tools. The Starter Set SC406 includes the new SpeedClic mandrel and two SpeedClic cut-off wheels. The fiberglass reinforced cut-off wheels SC426 are replacement cut-off wheels specifically for the SpeedClic system.

Model	Quantity	Working ø mm	Shank ø mm	Ordernumber	EAN
SC406	1+2	32,0	3,2	2615S406JA	8710364033461
SC426	5	32,0	3,2	2615S426JA	8710364033478

### 2. Cut-Off Wheels



For slicing and cutting in metal, wood and plastic. Cut-off wheels make it easy to cut or slot bolts, screws, sheet metal, thin wood and plastic. Fiberglass reinforced cut-off wheels (456, 426, 426B) are for tough applications. The cut-off wheel cuts only along its edge. Do not attempt to sand or cut curved holes with cut-off wheels. Use Dremel cut-off wheels with mandrel 402.

Model	Quantity	Working ø mm	Shank ø mm	Ordernumber	EAN
426B	20	32,0	3,2	2615426BJA	8710364026296
456	10	38,0	3,2	26150456JA	8710364023011
426	5	32,0	3,2	2615042632	8710364007448
540	5	32,0	3,2	2615054032	8710364010516
420	20	24,0	3,2	2615042032	8710364007431
409	36	24,0	3,2	2615040932	8710364007424

3. Diamond Wheel



A unique accessory especially suited to cutting, grinding and filing materials that are harder than metal. For example concrete, marble, stone, porcelain, ceramic and hard epoxide. The diamond wheel produces a fine cut, is extremely durable, does not break and retains its shape.

Model	Quantity	Working ø mm	Shank ø mm	Ordernumber	EAN
545	1	22,2	3,2	2615054565	8710364017010

## 4. Cutting/Shaping Wheel



The ultimate solution for wood. The special design of the cutting/shaping wheel 542 ensures that you can cut both hard and soft types of wood, cut grooves and shape wood. The carbide coating makes the wheel especially durable.

Model	Quantity	Working ø mm	Shank ø mm	Ordernumber	EAN
542	1	25,4	3,2	2615054265	8710364017119

# Cutting

## 5. Rip/Cross-Cut Blade



546

Precision saw blade for fine, clean and straight cuts in all sorts of wood. Perfect for laminate and wood flooring or thin wood plates. Use only with Dremel Mini Saw attachment 670. Made of carbon steel, 48 offset teeth guarantee precise, fast cuts up to 6.35 mm.

Model	Quantity	Working ø mm	Shank ø mm	Ordernumber	EAN
546	1	31,8	3,2	26150546JA	8710364023073

### 6. Spiral Cutting Bits



The drywall cutting bit 560 gives you fast clean cuts in drywall. The multipurpose cutting bit 561 cuts wood, plastic, fiberglass, drywall, laminate & vinyl siding. The tile cutting bit 562 cuts ceramic wall tile, cement board and blaster. (Not for use on floor tile)

Model	Quantity	Working ø mm	Shank ø mm	Ordernumber	EAN
560	1	3,2	3,2	2615056032	8710364010592
561	1	3,2	3,2	2615056132	8710364010615
562	1	3,2	3,2	2615056232	8710364010608

34

# Cutting

# 7. Grout Removal Bits



Ideal for cleaning wall and floor grout or removing grout to replace broken tiles. Use with the Dremel Grout Removal attachment 568.

Model	Quantity	Working ø mm	Shank ø mm	Ordernumber	EAN
569	1	1,6	3,2	2615056932	8710364014125
570	1	3,2	3,2	2615057032	8710364016624

1. Sanding Bands



For rough shaping and smoothing wood and fiberglass, removing rust from metal surfaces and shaping rubber surfaces. Sanding bands are easily replaceable.

Model	Quantity	Working ø mm	Shank ø mm	Grit	Ordernumber	EAN
407	1	13,0	3,2	60	2615040732	8710364007226
408	6	13,0	3,2	60	2615040832	8710364007233
432	6	13,0	3,2	120	2615043232	8710364007264
430	1	6,4	3,2	60	2615043032	8710364007240
431	6	6,4	3,2	60	2615043132	8710364007257
438	6	6,4	3,2	120	2615043832	8710364007271
439	1	9,5	3,2	60	2615043932	8710364008391
440	6	9,5	3,2	60	2615044032	8710364008407
444	6	9,5	3,2	120	2615044432	8710364008414

## 2. Flapwheels



Perfect for sanding flat or contoured surfaces on metal, wood, rubber or plastic.

Model	Quantity	Working ø mm	Shank ø mm	Grit	Ordernumber	EAN
502	1	28,6	3,2	80	2615050232	8710364015252
504	1	28,6	3,2	80	2615050432	8710364015269

36

# Sanding

### 3. Finishing Abrasive Buffs



511

Finishing abrasive buffs for precise and delicate material removal on metal, glass,wood, aluminum and plastics. The flexible material enables to work on tight and irregularly shaped areas. Use with mandrel 402.

Model	Quantity	Working ø mm	Shank ø mm	Grit	Ordernumber	EAN
511	2	25,5	3,2		2615051165	8710364023028

### 4. Sanding Discs



411 412 413

Sanding discs are designed for precise sanding on wood. Use with mandrel 402.

Model	Quantity	Working ø mm	Shank ø mm	Grit	Ordernumber	EAN
411	36	19,0	3,2	180	2615041132	8710364008421
412	36	19,0	3,2	220	2615041232	8710364008438
413	36	19,0	3,2	240	2615041332	8710364008445

# Collets / Mandrels / Miscellaneous

1. Collets



# Collets / Mandrels / Miscellaneous

3. Mandrels



Mandrels are used to mount different accessories, like felt polishing wheels or cut-off wheels.

Model	Quantity	Working ø mm	Shank ø mm	Ordernumber	EAN
401	1		3,2	2615040132	8710364007530
402	1		3,2	2615040232	8710364007547

### 4. Precision Drill Bit Set



The DREMEL precision drill bit set (628) contains 7 drill bits for drilling into wood or soft metal. The different diameters included are 0.8 / 1.2 / 1.6 / 2.0 / 2.4 / 2.8 and 3.2 mm.

Model	Quantity	Working ø mm	Shank ø mm	Ordernumber	EAN
628	7			2615062832	8710364009381

# Collets / Mandrels / Miscellaneous

5. Wood Drill Bit Set



The DREMEL wood drill bit set contains 4 drill bits with centering point for drilling into wood. The different drilling diameters included are 3, 4, 5 and 6 mm. The titanium coating offers high performance and longer lifetime.

Model	Quantity	Working ø mm	Shank ø mm	Ordernumber	EAN
636	4		3,2	26150636JA	8710364026289

### 100-pcs Accessory Set (701)

This accessory set includes the 100 best sold accessories in a high value tin can box. The accessories can be easily stored in the insert or the included small plastic case. The DREMEL Quick Start leaflet shows the included accessories and explains on which materials they can be used.



Included accessories

Carving / Engraving /	Routing	191	
Grinding / Sharpening		541(6), 932, 952, 8193, 84922, 85422	
Cleaning / Polishing		414(12), 429(6), 403(2)	
Cutting		409(36), 426	
Sanding		407(2), 408, 432(6), 430(6),	431, 438(6)
Collets / Mandrels / Miscellaneous		402(6), 150	
Order information	Ordernumber: 261	50701JA	EAN: 8710364035601

### 110-pcs Accessory Set (697)

This accessory set includes the 110 best sold accessories in a high value accessory box. The DREMEL Quick Start leaflet shows the included accessories and explains on which materials they can be used. Additionally, it contains the unique DREMEL Lawn Mower Sharpening Attachment.



#### Included accessories

Carving / Engraving / Routing	191
Grinding / Sharpening	932, 952, 8193, 84922, 85422
Cleaning / Polishing	405, 428, 414(4), 429, 421
Cutting	409(10), 420(8), 426(2)
Sanding	411(18), 412(19), 413(19), 407, 408(4), 432(4), 430, 431(3), 438(3)
Collets / Mandrels / Miscellaneous	401, 402, 150
Order information Ordernumber: 26	150697JC EAN: 8710364029129

### 140-pcs Accessory Set (700)

This accessory set includes an assortment of the most popular DREMEL accessories. The included 138 accessories are stored in two convenient accessory boxes that can be attached on the DREMEL tool cases (300 Series and 400 Series). The DREMEL Quick Start leaflet shows the included accessories and explains on which materials they can be used. Additionally it provides the DREMEL Cutting Guide and the DREMEL Lawn Mower Sharpening Attachment which leads to a total content of 140 pieces.



#### Included accessories

Carving / Engraving / Routing	194
Grinding / Sharpening	932, 953, 84922, 85422, 85602
Cleaning / Polishing	403, 404, 414(11), 421, 425, 428, 429(3)
Cutting	409(36), 420(20), 426, 540, 561
Sanding	407, 408(7), 413(20), 430, 431(6), 432(7), 438(6), 511(2)
Collets / Mandrels / Miscellaneous	<b>5</b> 150, 401, 402
Order information Ordernumber:	26150700JA EAN: 8710364033829

### 175-pcs Accessory Set (698)

175 high quality DREMEL accessories in a unique storage box. The extensive selection of this set offers numerous possibilities. Neatly arranged and therefore very user-friendly. But that is not all. You will find exclusive additions to this set such as a line & circle cutter and an impregnated polishing wheel. Furthermore, we have included the Quick Start leaflet for immediate application and correct use of all parts.



#### Included accessories

Carving / Engraving / Routing	191, 194	
Grinding / Sharpening	932(2), 952(2), 8193(2), 84922(2), 85422, 85602(2), 541	(3)
Cleaning / Polishing	520, 414(8), 429(4), 425(3), 428, 403, 404, 405, 421	
Cutting	409(20), 420(20), 426(4), 561	
Sanding	411(21), 412(20), 413(20), 408(6), 432(6), 431(6), 438(6), 407	430
Collets / Mandrels / Miscellaneous	415, 150, 401, 402, 90962	
Order information Ordernumber: 26	EAN: 8710364026	3685

43

### Cleaning / Polishing Set (684)

All you need for cleaning and polishing in a convenient box. Removable accessory tray and 3 dividers provide perfect storage solution. DREMEL Quick Start leaflet explains the included accessories.

### Included accessories

Cleaning / Polishing	403, 404, 405, 428, 520, 414(6), 422, 425(2), 429(3), 421
Collets / Mandrels / Miscellaneous	401, 402

#### Order information

Ordernumber: 26150684JA

#### EAN: 8710364029099

### Multipurpose Set (687)

Assortment of best selling accessories in a convenient box. Removable accessory tray and 3 dividers provide perfect storage solution. DREMEL Quick Start leaflet explains the included accessories.

Included accessories

Carving / Engraving / Routing	194
Grinding / Sharpening	952, 85422
Cleaning / Polishing	403, 414(2), 429(2), 421
Cutting	409(36), 426
Sanding	407, 408, 432(2)
Collets / Mandrels / Miscellaneous	401, 402
Order information Ordernumber: 26	EAN: 8710364029105









### Cutting Set (688)

Assortment of 68 cut-off wheels in a convenient box.; Removable accessory tray and 3 dividers provide perfect storage solution. DREMEL Quick Start leaflet explains the included accessories.



Included accessories

Cutting	409(36), 420(24), 426(3), 540(5)
Collets / Mandrels / Miscellaneous	402

Order information

Ordernumber: 26150688JA





# Attachments

With Dremel attachments you can do your job with even more precision and ease. Dremel offers attachments to rout, control, cut, saw, sharpen and to reach.

Attachments to Reach	Flexible Shaft (225) Right Angle Attachment (575)	
Attachments to Rout	Plunge Router Attachment (335) Shaper / Router Table (231)	
Attachments to Sharpen	Chainsaw Sharpening Attachment (1453) Lawn Mower Sharpening Attachment (675)	
Attachments to Cut	Multipurpose Cutting Kit (565) Wall Tile Cutting Kit (566) Wall & Floor Grout Removal Kit (568)	ی ای ایک
Attachments to Control	Workstation™ (220) DREMELite™ (DL4) D-Vise (2214) Flex-Shaft Tool Holder (2222)	

# Attachments to Reach

### Flexible Shaft (225)

- Ideal attachment for precise, detailed work or hard to reach places.
- Comfort grip handpiece allows fingertip control to cut, grind, sand, polish and more.
- Integrated shaft lock button for quick and easy accessory changes. 127 mm bend radius provides more comfort and flexibility during use.
- Quick connect attaches your DREMEL tool in seconds.

### Contents

Flexible Shaft - length 1070 mm Driver Cap

### Order information

Ordernumber: 26150225PD

EAN: 8710364020935

Contract of the

### Right Angle Attachment (575)

- Designed to use accessories in right angle for hard to reach places.
- Ball bearings and spiral bevel gears provide smooth and cool operation and guarantee longer lifetime.
- Coupling system allows to place the attachment in 12 different directions on your DREMEL tool.
- Quick connect attaches your DREMEL tool in seconds.





Order information

**Right Angle Attachment** 

Contents

Driver Cap

Ordernumber: 2615057532

EAN: 8710364016983



# Attachments to Rout

Plunge Router Attachment (335)

- Converts your DREMEL tool into a plunge router to rout circles, signs and inlay work, decorative edges and to rout parallel to an edge.
- Plunge-lock in handle simply turn handle to lock/unlock.
- Two depth stops for quick, consistent adjustment of depth.
- Edge guide and circle guide to rout straight lines and perfect circles.
- Guide bushing set for letter and pattern template routing.



#### Contents

Plunge Router Attachment Edge Guide Circle Guide Guide Bushing Set Wrench

Order information

Ordernumber: 26150335JA

### Shaper / Router Table (231)

- Converts your DREMEL tool into a bench mounted tool for precise routing, shaping and sanding.
- Plastic knobs for easy tool assembly and depth adjustment.
- Smooth table surface to slide your workpiece easily over the table.
- Slot, groove, sand and trim edges.
- 3-way adjustable fence for accurate working result.
- Worktable 203 x 152 mm.
- Adjustable, transparent router bit guard enables safe working.





Shaper/Router Table

#### Order information

#### Ordernumber: 2615023132

#### EAN: 8710364016891



# Attachments to Cut

#### Multipurpose Cutting Kit (565)

- Provides controlled cutting in a variety of materials.
- Easily attaches to your DREMEL tool.
- Easy depth adjustment up to 19 mm material thickness.



### Contents

Cutting Guide 2 Drywall Cutting Bits 560 1 Multipurpose Cutting Bit 561





#### Order information

Ordernumber: 2615056532

EAN: 8710364010622

#### Wall Tile Cutting Kit (566)

- Provides controlled cutting in ceramic wall tiles.
- Easily attaches to your DREMEL tool.
- Easy depth adjustment up to 19 mm material thickness.





### Contents

Cutting Guide 1 Tile Cutting Bit 562 (not for use on ceramic floor tiles)

Order information

Ordernumber: 2615056632

# Attachments to Cut

Wall & Floor Grout Removal Kit (568)

- Specially developed for removing grout from between wall and floor tiles.
- The risk of chipping your tiles edges is greatly reduced compared with manual chiselling.
- Easy depth adjustment.
- Guide keeps bit centered between tiles.





#### Contents

Angled Cutting Guide 1.6 mm Grout Removal Bit 569

Order information

Ordernumber: 2615056832

EAN: 8710364013982

# Attachments to Control

### Workstation™ (220)

- This is the perfect solution for stationary working with your Dremel.
- Drill vertically or in an angle, adjustable in increments of 15 degrees.
- Holds tool horizontally for polishing and sanding.
- Integrated, telescoping tool stand holds tool with Flex Shaft (225).
- On-board accessory storage.

Combined Drill Press and Tool Holder

- Cord management keeps cord safely stowed.
- Depth markings for consistent depth adjustment.
- Base markings (metric and inches).



#### Order information

Contents

Ordernumber: 26150220JB

EAN: 8710364032426

#### DREMELite™ (DL4)

- DREMELite with unique, highly flexible shaft.
- Quick and easy way to light up your work surface.
- Ideal for hard-to-reach, dim places and/or precise detailed work.
- High-intensity LED light with lifetime warranty.
- Easy-to-use twist On/Off switch.
- Works with standard Lithium batteries.
- For use on Dremel Plunge Router Attachment (335), Dremel Workstation (220) and the exclusive Dremel Bench-Clip.



Contents
DREMELite
2 Lithium batteries (CR2025)
Bench-Clip



Order information

Ordernumber: 26150DL4JA

# Attachments to Control

#### D-Vise (2214)

- Conveniently holds workpiece while you use your rotary tool.
- Vise swivels 360° and tilts 180° in all directions.
- Jaws open to 64 mm.



#### Contents

D-Vise

Order information

Ordernumber: 2615221432

EAN: 8710364000944

#### Flex-Shaft Tool Holder (2222)

- Conveniently suspends your Dremel rotary tool above your workbench.
- Perfect for use with the Flexible Shaft attachment.
- Clamps to workbenches up to 50 mm thick, and adjusts in height from 300 to 1070 mm.
- Store extra bits on base.

## Attachments to Saw

### Mini Saw Attachment (670)

- Transforms your DREMEL tool into a precision circular saw for fine, clear and straight cuts in all sorts of wood.
- Perfect for laminate and wood flooring or thin wood plates.
- The safety guard and lower guard make it safe to use the circular saw blade.
- The guide allows to make straight cuts.
- Quick connect attaches your DREMEL tool in seconds.
- This Mini SawAttachment is easier to use than a hard saw, more precise than a jig saw and fits in tighter spaces than a circular saw.





### Contents

Mini SawAttachment Rip/Cross-Cut Blade (546) Driver Cap

Order information

Ordernumber: 26150670JA



Battery Packs	9.6V NiCd (785) 10.8V Li-Ion (855)		
Goggles	Goggles (SG4)		
Scroll saw blades	16411 (16411) 16412 (16412) 16413 (16413) 16440 (16440) 16443 (16443) 16446 (16446) 16448 (16448)	16453 (16453) 16461 (16461) 16463 (16463) 16483 (16483)	
Glue sticks	Glue Sticks (GS1)		

# Miscellaneous

### Battery Packs

785



855

For DREMEL MultiPro 9.6V cordless tool use battery pack 785. For DREMEL 10.8V Lithium-Ion cordless tool use battery pack 855.

Model	Quantity	Ordernumber	EAN
785	1	26150785PB	8710364018994
855	1	26150855JB	8710364026357

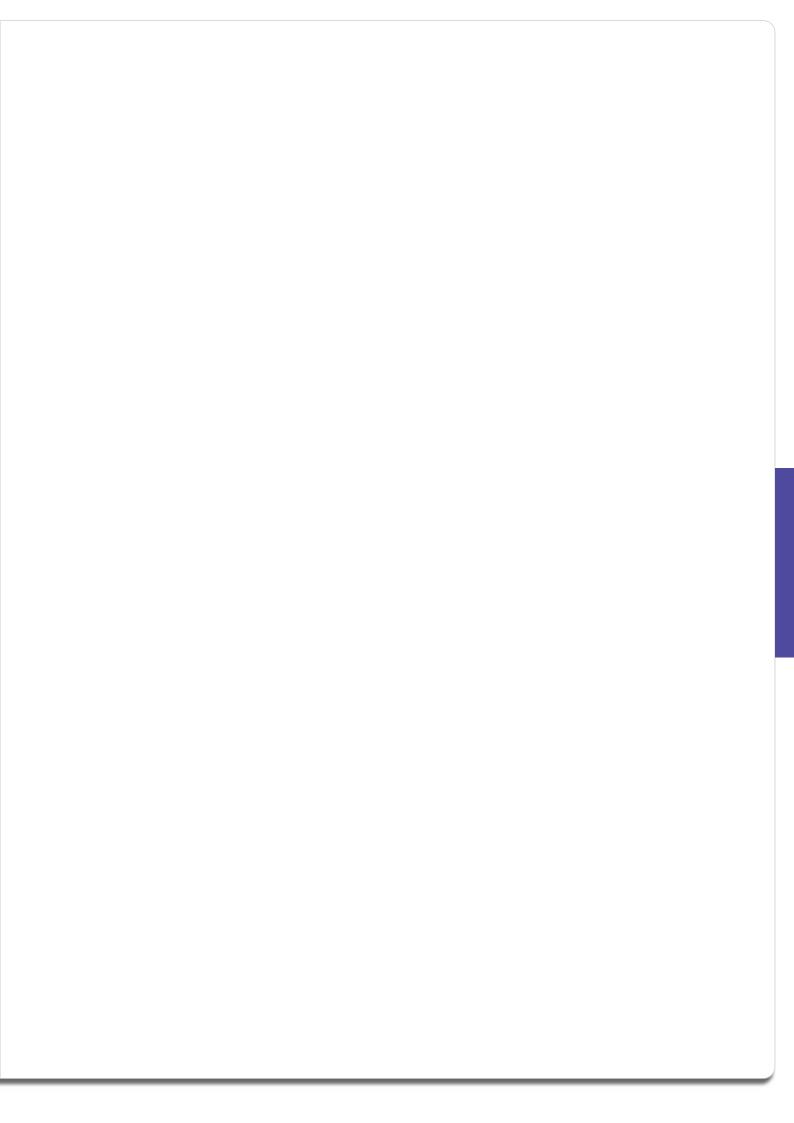
### Goggles



SG4

Use the goggles to provide protection for your eyes when working on your projects.

Model	Quantity	Ordernumber	EAN
SG4	1	26150SG4JA	8710364033812



# Index by category

h	ntroduction	з
т	fools	5
	DREMEL® 300 Series	6
	DREMEL® 300 Series (300-25) DREMEL® 300 Series (300-1/55)	7 8
	DREMEL® 400 Series DIGITAL	9
	DREMEL® 400 Series DIGITAL (400-1/55) DREMEL® 400 Series DIGITAL (400-4/80)	10 11
	DREMEL® 10.8 V Lithium-Ion	12
	DREMEL® 10.8V Lithium-Ion (8000-60)	13
	DREMEL® Stylus™ Lithium-Ion	14
	DREMEL® Stylus™ Lithium-Ion (1100-15)	15
	DREMEL® Glue Gun	16
	DREMEL® Glue Gun (1200-3/6)	17
	DREMEL® Scroll Station™	18
	DREMEL <sup>®</sup> Scroll Station™ (1800-1/5)	19
A	Accessories	21
	Carving / Engraving / Routing	22
	<ol> <li>High Speed Cutters</li> <li>Engraving Cutters</li> <li>Diamond Wheel Points</li> <li>Tungsten Carbide Cutters</li> <li>Structured Tooth Tungsten Carbide Cutters</li> <li>Router Bits (HSS)</li> </ol>	22 22 23 23 24 24
	Grinding / Sharpening	25
	<ol> <li>Aluminum Oxide Grinding Wheel</li> <li>Aluminum Oxide Grinding Stones</li> <li>Silicon Carbide Grinding Stones</li> <li>Abrasive Points</li> <li>Chainsaw Sharpening Grinding Stones</li> </ol>	25 25 26 26 27
	Cleaning / Polishing	28
	<ol> <li>Rubber Polishing Points</li> <li>Impregnated Polishing Wheel</li> <li>Polishing Wheels</li> <li>Bristle Brushes</li> <li>Carbon Steel Brushes</li> <li>High-Performance Abrasive Brush</li> <li>Stainless Steel Brushes</li> <li>Brass Brushes</li> </ol>	28 29 29 30 30 31 31

Accessories	21
Cutting	32
<ol> <li>DREMEL<sup>®</sup> SpeedClic<sup>®</sup></li> <li>Cut-Off Wheels</li> <li>Diamond Wheel</li> <li>Cutting/Shaping Wheel</li> <li>Rip/Cross-Cut Blade</li> <li>Spiral Cutting Bits</li> <li>Grout Removal Bits</li> </ol>	32 32 33 33 34 34 35
Sanding	36
<ol> <li>Sanding Bands</li> <li>Flapwheels</li> <li>Finishing Abrasive Buffs</li> <li>Sanding Discs</li> </ol>	36 36 37 37
Collets / Mandrels / Miscellaneous	38
1. Collets 2. Multi Chuck 3. Mandrels 4. Precision Drill Bit Set 5. Wood Drill Bit Set	38 38 39 39 40
Accessory Kits	41
100-pcs Accessory Set (701) 110-pcs Accessory Set (697) 140-pcs Accessory Set (700) 175-pcs Accessory Set (698) Cleaning / Polishing Set (684) Multipurpose Set (687) Cutting Set (688)	41 41 42 43 43 44
Attachments	47
Attachments to Reach	48
Flexible Shaft (225) Right Angle Attachment (575)	48 48
Attachments to Rout	49
Plunge Router Attachment (335) Shaper / Router Table (231)	49 49
Attachments to Sharpen	50
Chainsaw Sharpening Attachment (1453) Lawn Mower Sharpening Attachment (675)	50 50
Attachments to Cut	51
Multipurpose Cutting Kit (565) Wall Tile Cutting Kit (566) Wall & Floor Grout Removal Kit (568)	51 51 52

Attachments	47
Attachments to Control	53
Workstation™ (220) DREMELite™ (DL4) D-Vise (2214) Flex-Shaft Tool Holder (2222)	53 53 54 54
Attachments to Saw	55
Mini Saw Attachment (670)	55
Miscellaneous	57
Battery Packs	58
9.6V NiCd (785) 10.8V Li-Ion (855)	58 58
Goggles	58
Goggles (SG4)	58
Scroll saw blades	59
$\begin{array}{c} 16411(16411)\\ 16412(16412)\\ 16413(16413)\\ 16440(16440)\\ 16443(16443)\\ 16446(16446)\\ 16448(16448)\\ 16453(16453)\\ 16461(16461)\\ 16463(16463)\\ 16483(16483)\\ \end{array}$	59 59 59 59 59 59 59 59 59 59
Glue sticks	59
Glue Sticks (GS1)	59
Index by category	60
Index by numbers	63
EAN-Codes	64

# Index by numbers

Product	Ordernumber	page	Product	Ordernumber	page	Product	Ordernumber	page
105	2615010532	22	454	2615045432	27	911	2615091132	25
106	2615010632	22	455	2615045532	27	932	2615093232	25
107	2615010732	22	456	26150456JA	32	952	2615095232	25
108	2615010832	22	457	2615045732	27	953	2615095332	25
110	2615011032	22	461	2615046132	28	997	2615099732	25
111	2615011032	22	462	2615046232	28	1100-15	F0131100JB	15
113	2615011332	22	463	2615046332	28	1200-3/6	F0131200JB	13
113	2615011552	22	480	2615048032	38	1453	26151453PA	50
115	2615011432	22	481	2615048132	38	1800-1/5	F0131800JB	19
115	2615011532	22	481	2615048132	38	2214	2615221432	19 54
117	2615011/32	22	483	2615048232	38	2222	261522232	54
125	2615012532	22	502	2615050232	36	4485	2615448532	38
134	2615013432	22	504	2615050432	36	4486	2615448632	38
144	2615014432	22	511	2615051165	37	7103	2615710332	23
192	2615019232	22	516	2615051632	26	7105	2615710532	23
193	2615019332	22	518	2615051832	26	7120	2615712032	23
194	2615019432	22	520	2615052065	28	7122	2615712232	23
196	2615019632	22	530	2615053032	31	7123	2615712332	23
199	2615019932	22	531	2615053132	31	7134	2615713432	23
220	26150220JB	53	532	2615053232	31	7144	2615714432	23
225	26150225PD	48	535	2615053532	31	8000-60	F0138000JG	13
231	2615023132	49	536	2615053632	31	8153	2615815332	25
300-1/55	F0130300JE	8	537	2615053732	31	8175	2615817532	25
300-25	F0130300JB	7	538	26150538JA	30	8193	2615819332	25
335	26150335JA	49	540	2615054032	32	8215	2615821532	25
400-1/55	F0130400JH	10	541	2615054132	25	9901	2615990132	23
400-4/80	F0130400JE	11	542	2615054265	33	9902	2615990232	23
401	2615040132	39	545	2615054565	33	9903	2615990332	23
402	2615040232	39	546	26150546JA	34	9904	2615990432	23
403	2615040332	29	560	2615056032	34	9905	2615990532	23
404	2615040432	29	561	2615056132	34	9909	2615990932	23
405	2615040532	29	562	2615056232	34	9910	2615991032	23
403	2615040532	36	565	2615056532	51	9911	2615991032	23
407	2615040732	36	566	2615056632	51	9931	2615993132	23
		32	568		52			24
409	2615040932			2615056832		9934	2615993432	
411	2615041132	37	569	2615056932	35 35	9936	2615993632	24
412	2615041232	37	570	2615057032		16411	2615641132	59
413	2615041332	37	575	2615057532	48	16412	2615641232	59
414	2615041432	29	612	2615061232	24	16413	2615641332	59
420	2615042032	32	615	2615061532	24	16440	2615644032	59
421	2615042132	29	628	2615062832	39	16443	2615644332	59
422	2615042232	29	636	26150636JA	40	16446	2615644632	59
423	2615042332	29	640	2615064032	24	16448	2615644832	59
425	2615042532	29	650	2615065032	24	16453	2615645332	59
426	2615042632	32	652	2615065232	24	16461	2615646132	59
426B	2615426BJA	32	654	2615065432	24	16463	2615646332	59
428	2615042832	30	655	26150655JA	24	16483	2615648332	59
429	2615042932	29	670	26150670JA	55	83142	2615314232	26
430	2615043032	36	675	26150675AB	50	83322	2615332232	26
431	2615043132	36	684	26150684JA	43	83702	2615370232	26
432	2615043232	36	687	26150687JA	43	84922	2615492232	26
438	2615043832	36	688	26150688JA	44	85422	2615542232	26
439	2615043932	36	697	26150697JC	41	85602	2615560232	26
440	2615044032	36	698	26150698JA	42	DL4	26150DL4JA	53
442	2615044232	30	700	26150700JA	42	GS1	26150GS1JA	59
443	2615044332	30	701	26150701JA	41	SC406	2615S406JA	32
170		36	785	26150785PB	58	SC400	2615S426JA	32
444	2615044432							