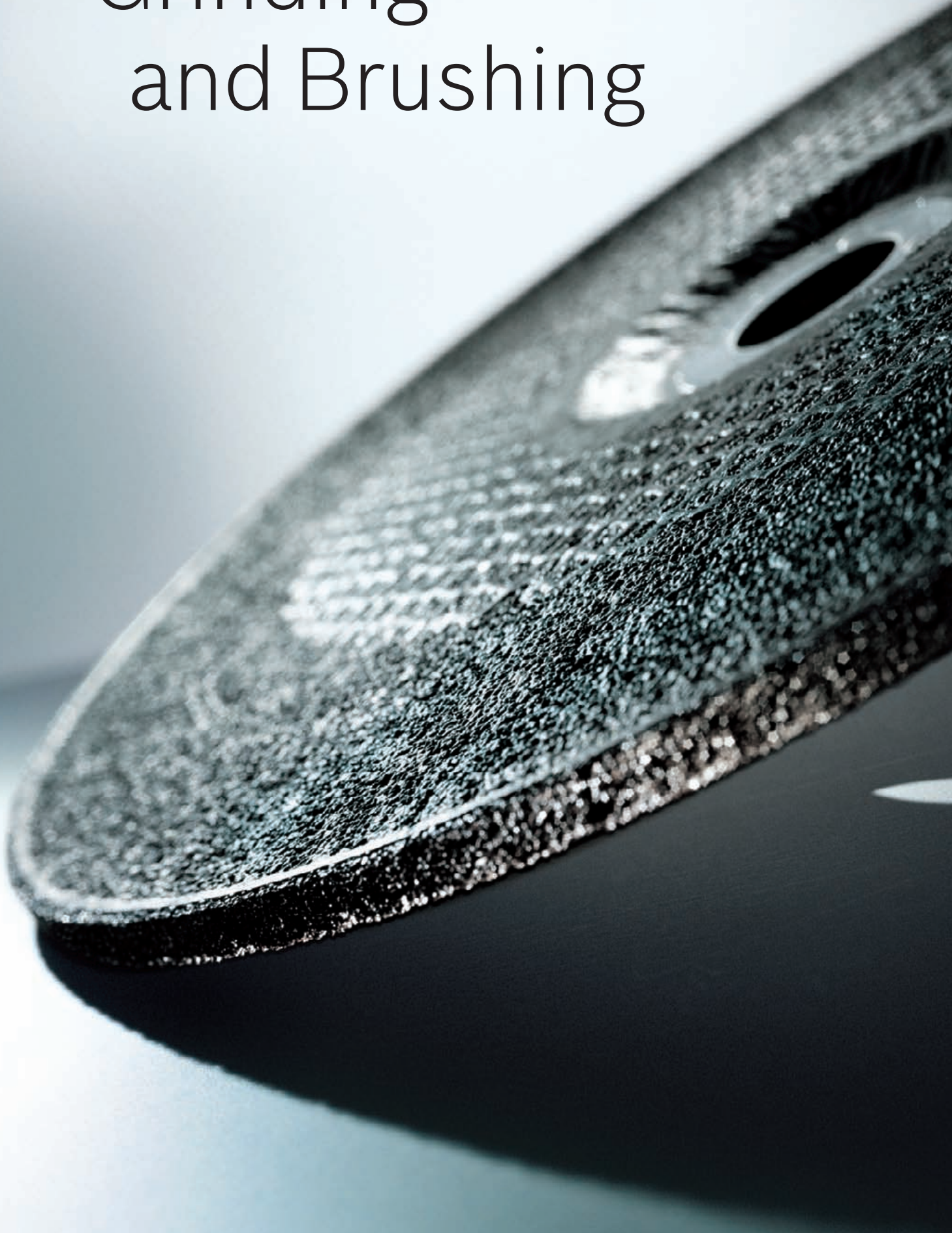


# **Cutting** Grinding and Brushing



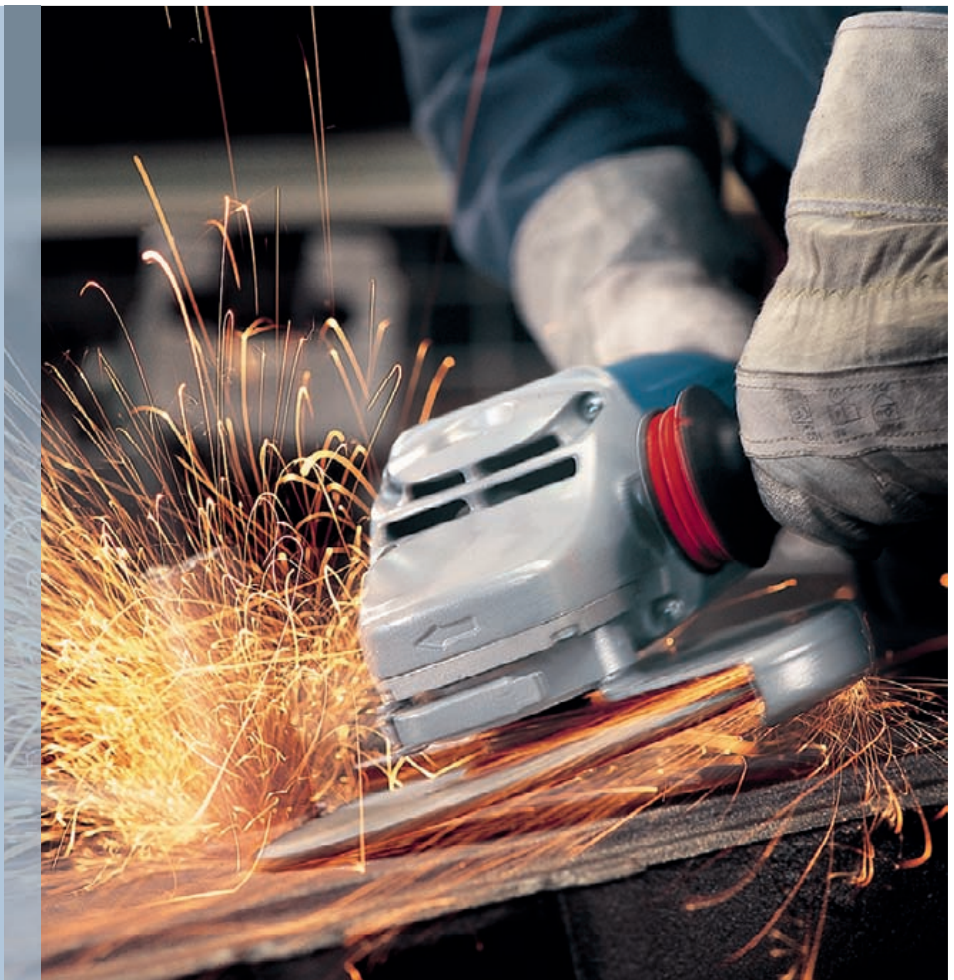
## Contents

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405	Tungsten carbide grinding heads	420	Accessories for angle grinders	433	Accessories for grinding brushes

## Grinding and cutting discs for grinders.

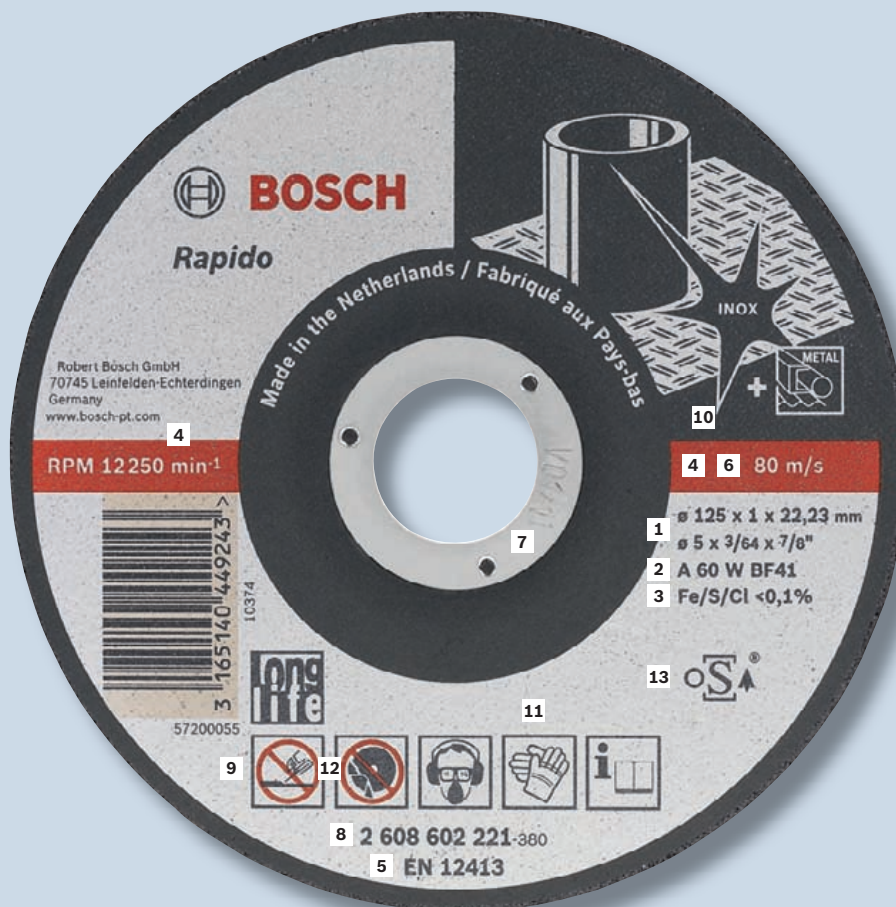
**Bosch grinding and cutting discs last longer and allow you to work quickly whilst saving energy.** Here, safety plays a very important role. Bosch grinding and cutting discs comply with international standards and safety requirements such as **EN 12413, FEPA and oSa**. The careful selection and combination of high-quality raw materials speaks for itself. Tests have proven that the small price advantage gained by using lower quality raw materials often reduces performance or working life by half.

Bosch grinding discs give excellent work results when used properly (e.g. at the correct angle). Bosch grinding discs can be used to grind down welded joints quickly and effectively.





Bosch grinding and cutting discs for long life and fast work. They can be used to cut workpieces made of metal, stone and stainless steel.



- |  |  |
|--|--|
| <p><b>1</b> Disc diameter</p> <p><b>2</b> A = Aluminium oxide (high quality aluminium oxide) for working on metal<br/>C = Silicon carbide (SiC) for working on stone<br/>30 = Grinding grit mixture:<br/>24 – 30 = medium coarse grit diameter in accordance with FEPA-standard:<br/>G 24 = 0.6 to 1.0 mm, G 30 = 0.5 to 0.8 mm)<br/>S = Disc hardness (DIN ISO 525):<br/>L to O = medium, P to S = hard, T to W = very hard<br/>BF = Bakelite-(artificial resin) bonded and reinforced with fibre fabric</p> <p><b>3</b> Does not contain iron, chlorine and sulphur</p> <p><b>4</b> Maximum rpm of angle grinder dependent on circumferential speed in m/s and disc diameter</p> | <p><b>5</b> Manufactured in accordance with the guidelines of EN standard 12413</p> <p><b>6</b> Cross beam, red = 80 m/s</p> <p><b>7</b> Sell-by date: the disc can be used without restriction until the date stated.</p> <p><b>8</b> Part number</p> <p><b>9</b> Application restrictions</p> <p><b>10</b> Tips on application:<br/>Blue = metal, Green = stone,<br/>Black = stainless steel</p> <p><b>11</b> Work safety</p> <p><b>12</b> Do not use a damaged disc</p> <p><b>13</b> oSa symbol</p> |
|--|--|

# Quality

without compromise.

**Bonded abrasives from Bosch have been designed to make your work easier, quicker and more efficient.** No matter whether you are looking for grinding and cutting discs, cup wheels or grinding rings - quality is always our priority. Our intensive research and development activities, strictly controlled raw materials, modern production methods, and stringent quality checks at every stage from design to delivery, ensure we can offer our customers top quality products. Our customers' demands are straightforward - they want to work effectively and safely using robust and reliable products.

## The layers of a grinding disc.

Resistant aluminium oxide, SiC material, reinforced with layers of fibreglass mesh ensure long life, reliability and safety.



Standard aluminium oxide



Medium aluminium oxide



High-quality aluminium oxide, pink



High-quality aluminium oxide, white



Special aluminium oxide



Silicon carbide SiC

# Which Bosch bonded abrasive is suitable for which application.

## Grinding discs (metal and stainless steel)

Application ranges ●● especially suitable ● suitable ○ relatively suitable	Metal		Stainless steel
Aluminium alloy	○		○
Brass, bronze	○		○
Cast iron	○		●
Copper	○		○
Stainless and acid-resistant steel			●●
Stainless steel plate			●●
Steel plate	●		●
Structural steel with high stability	○		●
Tool steel	○		●
Unalloyed and alloyed structural steel	●●		●
Welded seams	○		●

## Cutting discs (metal and stainless steel)

Application ranges ●● especially suitable ● suitable ○ relatively suitable	Metal				Stainless steel	
	Grit Disc thickness	P 46 1.6 mm	P 24 to 30 2.5 to 3.5 mm	P 30 2.5 to 3.0 mm	P 46 1.6 to 2.0 mm	P 60 1.0 mm
Aluminium alloy		●	●	●	○	●●
Brass, bronze		●	●	●	○	●●
Cast iron		●●	●	●●	○	○
Copper		●	●	●	○	●●
Stainless and acid-resistant steel		●●	○	●●	●●	●●
Square-edged stainless steel profiles		●●	○	●●	●●	●●
Square-edged steel profiles		●●	●	●	●●	●●
Structural steel with high stability		●●	●	●	●	●
Unalloyed and alloyed structural steel		●●	●●	●	●	●
Tool steel		●●	●	●	●	●

## Cutting discs (stone)

Application ranges ● suitable ○ relatively suitable	Stone
Aerated concrete	●
Asphalt	○
Clay pipes	●
Clinker	○
Concrete	●
Ductile pipes	○
Exposed concrete	●
Granite	○
Limestone	●
Marble	●
Roofing tiles	●
Roofing tiles	●
Slate	●
Slag stone	○
Terrazzo	●
Tiles	●

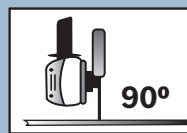
# No more disc changes! Cutting, grinding and finishing with only one disc.

**The advantages of the 3-in-1 disc speak for themselves:**

- ▶ The right disc is always ready to hand, without the need to change disc.
- ▶ Efficient working due to savings in time and cost.
- ▶ Easy cutting of profiles, pipes and plates made of metal and stainless steel.
- ▶ Safe grinding with a 2.5 mm thin disc, ideal for hard-to-reach areas.
- ▶ Less heat discolourations when grinding.

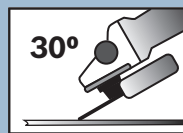


**Application and angle effect**



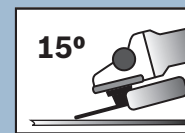
Easy, fast and exact cutting.

**Grinding**



Clean grinding with fine results. Ideal for light grinding work.

**Finishing**



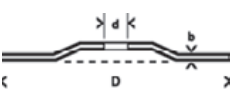
Fine finish. The fine grit produces a cleaner result than with commercially available grinding discs.

Maximum work safety thanks to the optimum three-layer reinforcement of the disc.  
Manufactured in accordance with OSA guideline. Meets EN 12413.

**3-in-1 Disc**



- ▶ Cutting, grinding and finishing with one disc
- ▶ **Suitable for** metal and stainless steel
- ▶ **Suitable for** handheld angle grinders
- ▶ Maximum circumferential speed: 80 m/s (dependent on speed and disc diameter)



Specification	Diameter mm	Bore diameter mm	Thickness mm	Part number	Packaging type	Sales package qty.	Dispatch package qty.	Barcode 3165:140...
<b>A 30 R BF</b>	115	22.23	2.5	<b>2 608 602 388</b>	U0	1	25	505253
<b>A 30 R BF</b>	125	22.23	2.5	<b>2 608 602 389</b>	U0	1	25	505260

To order a quantity of items, the number of items = sales package quantity x dispatch package quantity.  
Order in multiples of numbers in dispatch packages (e.g. 5 -> 10 -> 15).

# Cutting Discs

## The Rapido cutting disc range

### The advantages of the thin Rapido cutting discs:

- ▶ Fast and clean cuts without blue discolouration or burr formation
- ▶ Low noise and dust
- ▶ Little force required

### The perfect addition to the high-quality Rapido range: the new Rapido Multi Construction

- ▶ All of the advantages of the standard Rapido disc mentioned above
- ▶ Cuts virtually all materials: metal, stainless steel, non-ferrous metals, stone, plastics such as PVC, (soft) tiles and marble
- ▶ There is no need for costly and time-consuming disc changes



Only one cutting disc for different applications. No need for costly and time-consuming disc changes

## Cutting discs Rapido Multi Construction

### Rapido MultiConstruction

- ▶ **Cut virtually anything without disc changes**
- ▶ Cutting disc for metal, stainless steel, non-ferrous metals, stone, soft tiles, marble and plastics
- ▶ **Suitable for** handheld angle grinders
- ▶ Maximum circumferential speed: 80 m/s (dependent on speed and disc diameter)



Product properties				Ordering information					
Specification	Diameter mm	Bore diameter mm	Thickness mm	Part number	Packaging type	Sales package qty.	Dispatch package qty.	Barcode 3165140...	
Straight cutting disc Multi Construction									
<b>C 60 T BF</b>	115	22.23	1.0	<b>2 608 602 384</b>	U0	1	25	505208	
<b>C 60 T BF</b>	125	22.23	1.0	<b>2 608 602 385</b>	U0	1	25	505215	
<b>C 60 T BF</b>	125	22.23	1.6	<b>2 608 602 383</b>	U0	1	25	505192	

To order a quantity of items, the number of items = sales package quantity x dispatch package quantity. Order in multiples of numbers in dispatch packages (e.g. 5 -> 10 -> 15).