



# Finishing and Polishing

# 6

DISCS	6.3
STRIPS	6.4
BRUSHES	6.6
POLISHERS – COMPOSITE	6.8
POLISHERS – CERAMICS	6.11
POLISHERS – AMALGAM	6.12

Surface Treatment of Composite Fillings –  
Steps using Kerr's Finishing and Polishing Tools

Surface	Occlusal/Concave Surfaces	Convex/Flat Surfaces	Inter-proximal Surfaces
Steps			
<b>Contouring</b>	<ul style="list-style-type: none"> <li>• Beavers Trimming Burs</li> </ul>	<ul style="list-style-type: none"> <li>• OptiDisc Extra-Coarse Assortment Part. No. 200, 220 Refill Part. No. 197, 198, 199</li> </ul>	<ul style="list-style-type: none"> <li>• Hawe Diamond Strip Part. No. 275</li> </ul>
<b>Finishing</b>	<ul style="list-style-type: none"> <li>• Beavers Finishing Burs</li> </ul>	<ul style="list-style-type: none"> <li>• OptiDisc Coarse/Medium Assortment Part. No. 180, 190 Refill Part. No. 181, 184, 191</li> </ul>	<ul style="list-style-type: none"> <li>• OptiStrip Finishing Assortment Part. No. 1990 Refill Part. No. 1991, 1993</li> </ul>
<b>Polishing</b>	<ul style="list-style-type: none"> <li>• OptiShine Part. No. 2513, 2514</li> <li>• HiLuster Gloss Polishers Assortment Part. No. 2600 Refill Part. No. 2651, 2652, 2653, 2654</li> </ul>	<ul style="list-style-type: none"> <li>• OptiDisc Fine Assortment Part. No. 180, 190 Refill Part. No. 182, 185, 192</li> <li>• OptiShine Part. No. 2513, 2514</li> </ul>	<ul style="list-style-type: none"> <li>• OptiStrip Polishing Assortment Part. No. 1990 Refill Part. No. 1992, 1994</li> <li>• OptiShine Part. No. 2513, 2514</li> </ul>
<b>High Gloss Polishing</b>	<ul style="list-style-type: none"> <li>• HiLuster Dia Polishers Assortment Part. No. 2600 Refill Part. No. 2661, 2662, 2663, 2664</li> </ul>	<ul style="list-style-type: none"> <li>• OptiDisc Extra-Fine Assortment Part. No. 180, 190 Refill Part. No. 183, 186, 193</li> <li>• HiLuster Dia Polishers Assortment Part. No. 2600 Refill Part. No. 2661, 2662, 2663, 2664</li> </ul>	<ul style="list-style-type: none"> <li>• OptiDisc Extra-Fine Assortment Part. No. 180, 190 Refill Part. No. 183, 186, 193</li> <li>• HiLuster Dia Polishers Assortment Part. No. 2600 Refill Part. No. 2664 (Disc)</li> </ul>

Discs

OptiDisc®

The first translucent finishing and polishing disc.

Faster and more convenient:

- The translucent disc ensures a great view of the working area.
- Faster and higher gloss of the surface with less steps than competitive products.
- Easy identification of the abrasive side through green coding.
- Stable fixation between disc and mandrel permits precise work.

Gentle to the surface:

- Patented fixation system and special coating of the mandrel provide protection against scarring and discoloration.



OptiDisc General Kit 180



Coarse/Medium

Fine

Extra-Fine

Active side

OptiDisc General Kit 180

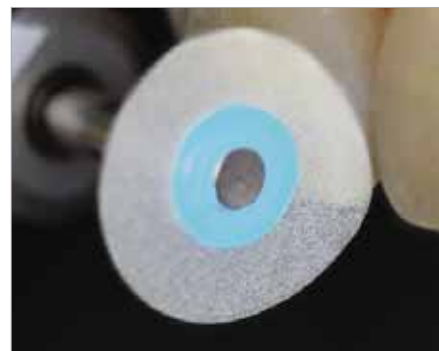
Contents: 30 Coarse/Medium 9.6 mm, 30 Fine 9.6 mm, 30 Extra-Fine 9.6 mm, 30 Coarse/Medium 12.6 mm, 30 Fine 12.6 mm, 30 Extra-Fine 12.6 mm, 5 mandrels

OptiDisc Assorted Kit 190

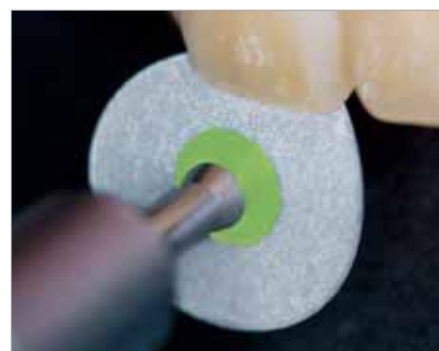
Contents: 30 Coarse/Medium 15.9 mm, 30 Fine 15.9 mm, 30 Extra-Fine 15.9 mm, 5 mandrels

Refill Packs of 100

OptiDisc Coarse/Medium 9.6 mm	181
OptiDisc Fine 9.6 mm	182
OptiDisc Extra-Fine 9.6 mm	183
OptiDisc Coarse/Medium 12.6 mm	184
OptiDisc Fine 12.6 mm	185
OptiDisc Extra-Fine 12.6 mm	186
OptiDisc Coarse/Medium 15.9 mm	191
OptiDisc Fine 15.9 mm	192
OptiDisc Extra-Fine 15.9 mm	193
OptiDisc Mandrels, pack of 5	195



Fine



Fine – Active side



Extra-Fine



OptiDisc

185

The OptiDiscs have a higher mass removal for each of its 3 different grits. However, the comparison of the total mass removal shows that OptiDiscs achieve a lower surface roughness with less mass removal. Therefore the restoration can be modelled with less damage. Consequently the time needed to polish a restoration is quicker.

## OptiDisc Extra-Coarse

OptiDisc® Extra-Coarse is the latest addition to the range of OptiDisc finishing and polishing discs. For special contouring demands Kerr has developed the additional grit size Extra-Coarse indicated for the contouring of composites, glass ionomers, amalgams, semiprecious and precious metals. The patented fixation system guarantees stable fixation between disc and mandrel permitting precise work. The specific design of the fixation system and special coating of the mandrel provide excellent protection against scarring and discoloration of the restorative material.

### OptiDisc Assorted Kit Ø 9.6 mm, 12.6 mm 200

Contents: 15 Extra-Coarse 9.6 mm, 25 Coarse/Medium 9.6 mm, 25 Fine 9.6 mm, 25 Extra-Fine 9.6 mm, 15 Extra-Coarse 12.6 mm, 25 Coarse/Medium 12.6 mm, 25 Fine 12.6 mm, 25 Extra-Fine 12.6 mm, 5 mandrels, 1 OptiShine

### OptiDisc Assorted Kit Ø 15.9 mm, 12.6 mm 220

Contents: 15 Extra-Coarse 15.9 mm, 25 Coarse/Medium 15.9 mm, 25 Fine 15.9 mm, 25 Extra-Fine 15.9 mm, 15 Extra-Coarse 12.6 mm, 25 Coarse/Medium 12.6 mm, 25 Fine 12.6 mm, 25 Extra-Fine 12.6 mm, 5 mandrels, 1 OptiShine

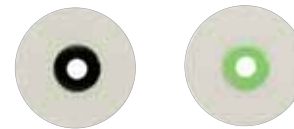
### Refill Packs of 80

OptiDisc Extra-Coarse 9.6 mm	197
OptiDisc Extra-Coarse 12.6 mm	198
OptiDisc Extra-Coarse 15.9 mm	199



OptiDisc Extra-Coarse

198



Extra-Coarse

Active side

## Strips

### OptiStrip

OptiStrip™ is essential for finishing and gloss polishing all inter-dental surfaces offering added value in providing a faster, higher surface gloss in only 2 steps. Ideal for polishing direct restorations including composites, glass ionomers, amalgams, semiprecious and precious metals. The abrasive particles have an optimized shape to reduce wear and keep sharpness for lasting efficiency.

### OptiStrip Assorted Kit 1990

Contents: 4 x 50 OptiStrip of each type

### Refill Packs of 100

OptiStrip Finishing, 2 mm	1991
OptiStrip Polishing, 2 mm	1992
OptiStrip Finishing, 4 mm	1993
OptiStrip Polishing, 4 mm	1994



OptiStrip Assorted Kit

1990



Cases courtesy of Dr. Mario Besek

Part. No.

### Hawe Finishing and Polishing Strips

The abrasive strips are made of flexible polyester and firmly coated with aluminium oxide particles. They are available in two widths and in four colour-coded grit sizes.

<b>Finishing and Polishing Strips Assorted Kit</b>	<b>295</b>
Contents: 4 x 50 strips of each grit size	
<b>Refill Packs of 100</b>	
Strips, Coarse/Medium, 1.9 mm	290
Strips, Fine/Extra Fine, 1.9 mm	291
Strips, Coarse/Medium, 3.9 mm	292
Strips, Fine/Extra Fine, 3.9 mm	293



Hawe Finishing and Polishing Strips Assorted Kit 295



White/blue: For contouring and finishing interdental surfaces



Yellow/pink: For pre- and gloss polishing of interdental surfaces



The strips have an uncoated "window" to protect the contact while being introduced into the interdental space.

### Hawe Diamond Strips

For contouring and finishing.

<b>Hawe Diamond Strips, pack of 5</b>	<b>275</b>
---------------------------------------	------------

Width 2.3 mm



Grit size 20µ  
Hawe Diamond Strips are coated with diamond particles.

Brushes

Occlubrush®

Fast, non-destructive polishing of occlusal and concave surfaces. For the polishing of composites, compomers, resin-modified glass-ionomers and ceramics.

- Efficient pre and high-gloss polishing of occlusal fillings, especially fissures, cusps and occlusal surfaces
- Polishing particles already embedded in the bristles, hence no paste necessary
- A faster high-gloss shine than with conventional polishers
- Non-destructive to tooth structure or to the margins of the restoration
- Autoclavable at 134°C, at least 3 min. No effect on polishing performance

Occlubrush Assorted Kit 2520

Contents: 5 Occlubrush regular cup, 5 Occlubrush small cup, 5 Occlubrush point

Refill Packs

Occlubrush regular cup, pack of 3	2503
Occlubrush small cup, pack of 3	2504
Occlubrush point, pack of 3	2505
Occlubrush regular cup, pack of 10	2510
Occlubrush small cup, pack of 10	2511
Occlubrush point, pack of 10	2512



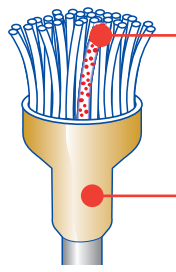
Regular cup



Small cup



Point



Each bristle is a polishing instrument.

Special fibres with in-built silicon-carbide abrasive particles

Not liable to confusion.

Easily recognisable by the golden shaft.



Occlubrush Assortment

2520



Regular cup



Small cup



Point

**OptiShine™**

EP Pat. 1 384 418

**The first concave-shaped polishing brush:**

**Efficient in practice:**

- The concave shape of the brush is efficient on all tooth surfaces, also on less accessible surfaces like interproximal spaces and occlusal fissures.

**Universal use:**

- Always produces excellent polishing results for all restorations due to the concave shape of the brush.

**Proven and efficient:**

**Excellent polish for an optimum aesthetic appearance:**

- The polishing effect is created by polishing particles embedded in the bristles (silicon carbide), therefore no paste is necessary.

**High gloss for all situations:**

- Efficient gloss polish for restorations made of composite, compomer, resin-modified glass ionomer or ceramics as well as for prophylactic treatment.

**Durable for multiple use:**

- Autoclavable at 134°C, at least 3 min. No effect on the polishing performance.



OptiShine	
3 brushes	2513
10 brushes	2514

OptiShine 2514



Good accessibility due to concave shape of OptiShine

**Polishers – Composite**

**HiLuster<sup>PLUS</sup> Polishing System**

**Great Features:**

- High-gloss results in only 2 steps with a system based on the Identoflex technology, meeting the highest standards
- Optimum flexibility of the polishing matrix for excellent adaptation to the restoration
- Pre- and gloss polishing in one single step by efficient Gloss<sup>PLUS</sup> Polisher with integrated aluminium oxide particles
- Outstanding final result meeting highest aesthetic demands thanks to diamond particles integrated in the HiLuster<sup>PLUS</sup> Dia Polisher

**Proven and efficient:**

- High durability of the polishers thanks to the proven Identoflex technology

**Gloss<sup>PLUS</sup> Polishers**



Flame  
Part. No. 2651



Minipoint  
Part. No. 2652



Cup  
Part. No. 2653



Disc  
Part. No. 2654

**HiLuster<sup>PLUS</sup> Dia Polishers**



Flame  
Part. No. 2661



Minipoint  
Part. No. 2662



Cup  
Part. No. 2663



Disc  
Part. No. 2664

**Colour Coding System (CCS)**



- Clear colour coding in accordance with the OptiDisc colour determination for easy recognition of the polishing step

■ Coarse/Medium ■ Fine □ Extra-Fine



**Hawe Polishing Assorted Kit 5100**

Contents: 2 Gloss<sup>PLUS</sup> Polishers Flame, 2 Gloss<sup>PLUS</sup> Polishers Cup, 2 HiLuster<sup>PLUS</sup> Polishers Flame, 2 HiLuster<sup>PLUS</sup> Polishers Cup, 5 OptiDisc 12,6 mm Coarse/Medium, 5 OptiDisc 12,6 mm Fine, 5 OptiDisc 12,6 mm Extra-Fine, 2 Mandrels

**HiLuster<sup>PLUS</sup> Polishing Assorted Kit 2600**

Contents: 3 Gloss<sup>PLUS</sup> Polishers Flame, 3 Gloss<sup>PLUS</sup> Polishers Minipoint, 3 Gloss<sup>PLUS</sup> Polishers Cup, 3 Gloss<sup>PLUS</sup> Polishers Disc, 2 HiLuster<sup>PLUS</sup> Dia Polishers Flame, 2 HiLuster<sup>PLUS</sup> Dia Polishers Minipoint, 2 HiLuster<sup>PLUS</sup> Dia Polishers Cup, 2 HiLuster<sup>PLUS</sup> Dia Polishers Disc

**Gloss<sup>PLUS</sup> Polishers Refill Packs of 6**

Flame	2651
Minipoint	2652
Cup	2653
Disc	2654

**HiLuster<sup>PLUS</sup> Dia Polishers Refill Packs of 6**

Flame	2661
Minipoint	2662
Cup	2663
Disc	2664



Hawe Polishing Assorted Kit 5100



HiLuster<sup>PLUS</sup> Polishing Assorted Kit 2600

## Identoflex Composite Polishers

The three-stage finishing and polishing system for composites

- Optimised Identoflex Composite Polishers for a high surface shine of the composite
- Three step-system: finishing - polishing - high gloss, to be applied immediately after contouring
- Optimum price-to-performance ratio
- Colour coding of the polishers for easy identification at each stage
- Designed for all surfaces



Assortment Prepolishers

ID 5101/8



Assortment High-gloss polishers

ID 5501/8

### Identoflex Composite Polishers Assorted Kit

<b>Composite Prepolishers Testset, yellow</b> pack of 8 assorted	ID 5101/8
<b>Composite High-Gloss Polishers Testset white</b> pack of 8 assorted	ID 5501/8

### Prepolishers yellow, Refill Packs of 12

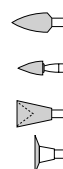
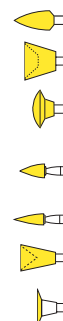
Flame	ID 5021/12
Large cup	ID 5031/12
Lenticular	ID 5041/12
Minipoint	ID 5061/12
Minipoint small	ID 5071/12
Cup	ID 5081/12
Disc	ID 5091/12

### Gloss polishers grey, Refill Packs of 12

Flame	ID 5221/12
Minipoint	ID 5261/12
Cup	ID 5281/12
Disc	ID 5291/12

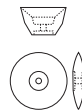
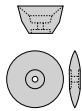
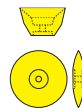
### High-gloss polishers white, Refill Packs of 12

Flame	ID 5421/12
Large cup	ID 5431/12
Lenticular	ID 5441/12
Minipoint	ID 5461/12
Minipoint small	ID 5471/12
Cup	ID 5481/12
Disc	ID 5491/12



Scale of polishers: 1:2

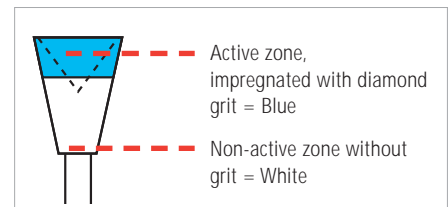
<b>Unmounted prepolishers yellow, Refill Packs of 12</b>	
Funnel	ID 5110/12
Lenticular 15 mm	ID 5140/12
<b>Unmounted gloss polishers grey, Refill Packs of 12</b>	
Funnel	ID 5310/12
Lenticular 15 mm	ID 5340/12
<b>Unmounted high-gloss polishers white, Refill Packs of 12</b>	
Funnel	ID 5510/12
Lenticular 15 mm	ID 5540/12



## Identoflex Diamond Composite Polishers

For the polishing of composites, compomers and glass-ionomers

- The twin-zone technology takes into account the typical wear pattern and thus allows savings in diamond grit
- Only the active zone is impregnated with diamond grit
- Thanks to the high polishing ability of diamond, low revs can be used. Overheating which could damage the pulp and filling materials, is thus avoided



**Cup:**  
For polishing convex surfaces and fissures, thanks to the fine edge, interdentially and along the line-angle



**Flame/Minipoint:**  
For polishing concave surfaces, especially occlusal ones



**Disc:**  
For polishing convex surfaces especially smooth areas in front teeth



Identoflex Diamond Composite Polishers ID 5601/6

<b>Assorted Kit</b>	
Testset, pack of 6 assorted shapes	ID 5601/6
<b>Refill Packs of 12</b>	
Disc	ID 5611/12
Flame	ID 5621/12
Cup	ID 5681/12
Minipoint	ID 5691/12



## Minidentoflex Composite Polishers

The economical snap-on polishing system with the special universal mandrel.

<b>Prepolishers yellow, Refill Packs of 12</b>	
Prepolishers, yellow, point	ID 0710/12
Prepolishers, yellow, cup	ID 0730/12
1 Mandrel RA	ID 1101/1



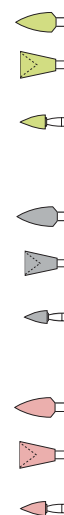
Scale of polishers: 1: 2

Polishers – Ceramics

Identoflex Porcelain / Ceramics NG

NG polishers enable much easier contouring, standard as well as high-gloss polishing of porcelain/ceramics, without the necessity of refurnicing.

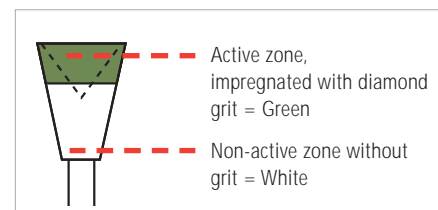
Prepolishers green, Refill Packs of 12	
Flame	ID 7071/12
Cup	ID 7081/12
Minipoint	ID 7091/12
Gloss polishers grey, Refill Packs of 12	
Flame	ID 7171/12
Cup	ID 7181/12
Minipoint	ID 7191/12
High-gloss polishers pink, Refill Packs of 12	
Flame	ID 7271/12
Cup	ID 7281/12
Minipoint	ID 7291/12



Identoflex Diamond Ceramic Polishers

Twin-zone diamond polishers for treating ceramics at the chair side.

- Identoflex Diamond Ceramic Polishers have been specially developed for polishing ceramics at the chair side.
- Twin-zone technology takes account of typical wear patterns and allows savings of diamond grit.
- Only the active zone is impregnated with diamond grit, the normally unused areas being left plain.
- Optimal price-to-performance ratio
- The active zone is easily identifiable due to colour-coding
- Thanks to the high polishing power of diamond, lower revs can be used. Overheating of teeth, which can cause harm to the pulp and filling materials is thus avoided.



**Cup:**  
For polishing convex surfaces and fissures, thanks to the fine edge also interdental areas and along the line-angle

**Flame/Minipoint:**  
For polishing concave surfaces, especially occlusal ones

**Disc:**  
For polishing convex surfaces, especially smooth areas in front teeth

Assorted Kit	
Ceramic Polishers Testset, pack of 4 assorted shapes	ID 5701/4
Refill Packs of 6	
Disc	ID 5711/6
Flame	ID 5721/6
Cup	ID 5781/6
Minipoint	ID 5791/6



Identoflex Diamond Ceramic Polishers ID 5701/4



Scale of polishers: 1: 2

**Polishers – Amalgam**

**AABA®-Dental Universal**

Universal prepolishing programme for all filling materials

Prepolishers Refill Packs of 12	
Rounded torpedo, RA	ID 3011/12
Flame, RA	ID 3021/12
Minipoint, RA	ID 3031/12
Large Cup, RA	ID 3091/12
Cup, RA	ID 3151/12



**Identoflex Gold / Amalgam / Precious Metal Alloys**

Specially developed for dental metals. High-gloss in two steps.

Assorted Kits	
Prepolisher Testset, brown, pack of 6 assorted	ID 4101/6
High-gloss Polisher Testset, green, pack of 6 assorted	ID 4601/6



Prepolisher Testset

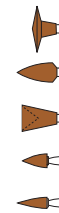
ID 4101/6



High-gloss Polisher Testset

ID 4601/6

Prepolishers brown, Refill Packs of 12	
Lenticular, RA	ID 4021/12
Flame, RA	ID 4041/12
Cup, RA	ID 4051/12
Minipoint, RA	ID 4061/12
Minipoint small, RA	ID 4071/12



High-gloss polishers green, Refill Packs of 12	
Lenticular, RA	ID 4521/12
Flame, RA	ID 4541/12
Cup, RA	ID 4551/12
Minipoint, RA	ID 4561/12
Minipoint small, RA	ID 4571/12



**Minidentoflex Amalgam / Gold Polishers**

The economical snap-on polishing system with the special universal mandrel

Prepolishers brown, Refill Packs of 12	
Point	ID 0510/12
Cup	ID 0530/12
1 Mandrel, RA	ID 1101/1



Scale of polishers: 1: 2