

DENTAL POLISHING DISCS AND MANDRELS

Polishing discs

##1.021, 1.069, 1.07* series, 1.73* series, 2.07* series, 2.73* series, 9.73* series, 10.73* series

Stem polishing discs

##1.020, 1.6 series, 1.76* series, 9.6** series, 9.76* series, 11.6** series**

Mandrels

##1.110, 1.111, 1.113, 1.115, 1.120, 1.121, 1.121(3), 1.122

INSTRUCTIONS FOR USE

Revision 12

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Name of manufacturer

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Registered trade mark of manufacturer



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The products are CE marked



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Trade names and catalogue numbers

List of Products (see Annex 1)

PRECAUTION

Devices in plastic packages should be stored away from heating devices to avoid packaging damage.

Dental polishing discs (*discs*) are intended for professional use in dental clinic only. Operating with *discs* is well known procedure. No special training needed.

Discs are for single use.

Mandrels can be re-used and must be sterilized after each procedure.

Target groups

No limitations for target treatment group – the devices can be used for all groups of patients without restrictions.

Benefits

The main benefits of polishing are:

- 1 Efficient removal of excess flash and refining of margins of the restoration;
- 2 Reduction of surface roughness (including reduction of fracture risk; reduction of surface imperfections; smoothing dental surfaces and restoration contacts);
- 3 Tooth surface polishing in orthodontics after bracket removal;
- 4 Improving dentin, composite and ceramics color stability;
- 5 Lowering risk of bacterial adhesion, increasing composite biocompatibility;
- 6 Production of a more aesthetic, light-reflectant restoration for the patient.

Warnings and precautions

1. Do not use *discs* and mandrels on handpieces intended for speeds exceeding 30000 rpm to avoid the *disc* or mandrel damage that may lead to an injury.
2. Do not operate mandrel without *disc*.
3. Avoid contacting of mandrel or *disc* connector with composite - possible discoloration may require to repeat polishing once more.
4. Use successively *discs* of all 4 types - otherwise the quality of restoration polishing may be reduced.
5. Control quality of *disc* surface while operating. Rotational behavior and the appearance of the *disc* changes 10-15 seconds before separation or break. The visual appearance of the disintegrated *disc* is changed. Do not use *discs* with delaminated abrasive coating or damaged polymer part. This may cause tissue damage.
6. Control the cooling air supply during polishing to avoid dentin overheating.
7. Do not use polishing *disc* once more – *discs* are single-use device – second use can lead to:
 - tissue infection,
 - tissue damage caused by delamination of abrasive coating,
 - tissue damage by parts of disintegrated *disc*,
 - tissue damage caused by disconnection between *disc* and mandrel.
8. If package with *discs* or mandrels is broken or disrupted *discs* or mandrels prior to use must be sterilized by a standard method.

STERILIZATION

Mandrels ##1.110, 1.111, 1.113, 1.115, 1.120, 1.121, 1.121(3), 1.122

Mandrels are sterilized after each patient using conventional steam autoclave at 134°C for 5 minutes.

Presterilizing clearing

In order to remove any inorganic and organic contaminants (including protein, fat, mechanical and others), including drug residues from medical device and to decrease in general microbial contamination to facilitate subsequent sterilization presterilizing cleaning is carried out.

The devices can be cleaned in two ways:

- a) mechanical cleaning;
- b) ultrasonic cleaning.

A. Mechanical cleaning

- 1) Soak devices with full immersion in the cleaning agent with filling the cavities and channels with cleaning agent right after the use;
- 2) Wash devices in the same cleaning agent in which it was soaked using a brush;
- 3) Rinse with running water (channels - using a syringe or electric suction);
- 4) Rinse with distilled water (channels - using a syringe or electric suction);

It is up to end user to ensure that cleaning agent is suitable for medical devices mechanical cleaning and use it in accordance with its instruction on use.

B. Ultrasonic cleaning

- 1) Fill the ultrasonic bath container with the devices (collapsible products were placed in disassembled form; products with locks - open), then the cleaning agent was added to at least 1/3 and not more than 2/3 of the volume of the container of the ultrasonic bath;
- 2) Process in an ultrasonic bath with the temperature of the cleaning agent at least 18°C;
- 3) Rinse with running water (channels - using a syringe or electric suction);
- 4) Rinse with distilled water (channels - using a syringe or electric suction);

It is up to end user to ensure that cleaning agent is suitable for use in ultrasonic baths and use it in accordance with its instruction on use.

Sterilization process:

Procedure:

- 1) Disinfect your hands;
- 2) Put on disposable gloves;
- 3) Put the cleaned the devices in the autoclave bag;
- 4) Carry out the sterilization in accordance with the instruction of the autoclave manufacturer at 134°C for 5 minutes.

Warning:

- 1) Do not use cleaning agents, detergents or disinfectants containing high percentage of chlorine and cleaners containing oxalic acid, strong alkalines (pH>9), strong acids (pH<4), phenols or iodophors, hydrogen peroxide, interhalogenic agents, halogenic hydrocarbons, strong oxidizing agents, organic solvents, aldehydes.
- 2) Do not keep mandrels in liquid medium for more than 3 hours.
- 3) Dry the mandrels thoroughly before sterilization.
- 4) Follow instructions of autoclave (sterilizer) manufacturer.
- 5) To avoid corrosion of the metal due to electrolysis, do not place devices in autoclave together with products made of aluminum, brass and copper.
- 6) Do not use / sterilize the mandrels in case of presence of traces of rust on the surface or traces of surface damage.

Polishing discs ##1.021, 1.069, 1.07* series, 1.73* series, 2.07* series, 2.73* series, 9.73* series, 10.73* series

Stem polishing discs ##1.020, 1.6 series, 1.76* series, 9.6** series, 9.76* series, 11.6** series**

In case of risk of disc contamination discs can be sterilized using conventional steam autoclave at 121°C for 20 minutes.

Operating instructions

Preparation

1. Open the packaging.
2. Make sure that there are no:
 - signs of violation of the integrity of the device (including cracks and chips),
 - traces of rust or dirt on the surface.

Operating procedure

1. Remove excess composite and contour the restoration using a fine diamond or carbide bur.
2. Accurately open the package with *discs* to avoid squabbling and mixing of the *discs* and choose *disc* for gross reduction of necessary diameter.
3. Place *disc* for gross reduction by gentle pushing of the connector onto preliminary sterilized mandrel until the *disc* is secure connected (*disc* must not wobble on mandrel).
4. Start polishing at a speed not more than 10000 rpm. (speed and duration when using *disc* of another type see the Table)

Process	Gross reduction	Contouring	Finishing	Polishing
Standard color code	blue	green	yellow	white
Speed, rpm	10000	10000	30000	30000
Time, seconds	As needed	15 - 20	15 - 20	15 - 20

5. When the polishing is finished wash away the residuals of polishing.
6. Remove the gross reduction *disc* from mandrel by positioning a thumbnail under the *disc* connector and pushing the *disc* away from the mandrel.
7. Place *disc* for contouring by gentle pushing of the connector onto mandrel until the *disc* is secure (*disc* must not wobble on mandrel) and repeat procedures 3 – 4 taking into account changed abrasiveness of the *disc* (see the Table).

When polishing pay attention to:

- a. move in one direction: from gingiva towards restoration (back and forth movement over the composite-enamel margin is not recommended);
- b. use light pressure;
- c. keep the restoration surface and *disc* dry when polishing to reach more smooth and uniform effect;
- d. cool the polished tooth with air to avoid dentin overheating.

Storage

Store *discs* and *mandrels* in a dry place.

Store *discs* away from direct sunlight. The storage at direct light can cause disc color change and flexibility decrease.

Discs and *mandrels* in plastic packages should be stored away from heating devices to avoid packaging damage.

Product shelf-life

Shelf-life of *discs* is 5 years since date of production.

Shelf-life of *mandrels* is unlimited.

Disposal

Used *discs* and unusable *mandrels* are to be disposed as class 3a "other non-hazardous wastes" according to WHO-UNEP/SBC 2005 coding recommendations.

Warranty

Discs are single-use devices.

Warranty time for mandrels is 1 year after the first use.

The user is responsible for inspecting the devices prior to each use and for the use of damaged and dirty devices. The life time of mandrels depends on the frequency of use, the care by the user and proper reprocessing methods.

TOR VM will replace the product that is proved to be nonconforming.

It is up to user to ensure that the product is suitable for the intended process and purpose.

Any serious incident or non-compliance that has occurred in relation to TOR VM discs and/or mandrels should be reported by e-mail torvm77@gmail.com and/or tor.vm.de@googlemail.com.

Annex 1

List of Products

Discs abrasive part is PET film covered by aluminum oxide particles or abrasive diamond particles in colored polymeric binder.

Connectors of polishing discs are made of brass, connectors of stem polishing discs are made of PVC.

Mandrels are made of stainless steel 1.4034.

Stem polishing discs	
1.111	Mandrel for stem polishing discs
1.110	Mandrel for stem polishing discs
1.113	Mandrel for stem polishing discs
1.115	Mandrel for stem polishing discs
1.600	Stem polishing discs
1.610	Stem polishing discs
1.620	Stem polishing discs
1.630	Stem polishing discs
1.640	Stem polishing discs
1.020	Finishing and Polishing kit
1.611	Stem polishing discs for gross reduction
1.621	Stem polishing discs for gross reduction
1.621(10)BR	Stem polishing discs for gross reduction
1.621BR	Stem polishing discs for gross reduction
1.631	Stem polishing discs for gross reduction
1.631BR	Stem polishing discs for gross reduction
1.612	Stem polishing discs for contouring
1.622	Stem polishing discs for contouring
1.622(10)DP	Stem polishing discs for contouring
1.622(10)PE	Stem polishing discs for contouring
1.622LR	Stem polishing discs for contouring
1.622PE	Stem polishing discs for contouring
1.632	Stem polishing discs for contouring
1.632DP	Stem polishing discs for contouring
1.632LR	Stem polishing discs for contouring
1.632PE	Stem polishing discs for contouring
1.613	Stem polishing discs for finishing
1.623	Stem polishing discs for finishing
1.623(10)P	Stem polishing discs for finishing
1.623(10)S	Stem polishing discs for finishing
1.623S	Stem polishing discs for finishing
1.633	Stem polishing discs for finishing
1.633P	Stem polishing discs for finishing
1.633S	Stem polishing discs for finishing
1.614	Stem polishing discs for polishing
1.624	Stem polishing discs for polishing
1.624LS	Stem polishing discs for polishing
1.634	Stem polishing discs for polishing
1.634LS	Stem polishing discs for polishing
1.611o	Stem polishing discs for gross reduction
1.621o	Stem polishing discs for gross reduction
1.631o	Stem polishing discs for gross reduction
1.612o	Stem polishing discs for contouring
1.622o	Stem polishing discs for contouring
1.632o	Stem polishing discs for contouring
1.613o	Stem polishing discs for finishing
1.623o	Stem polishing discs for finishing
1.633o	Stem polishing discs for finishing
1.614o	Stem polishing discs for polishing
1.624o	Stem polishing discs for polishing
1.634o	Stem polishing discs for polishing
1.650	Stem polishing discs
1.651(8)	Stem polishing discs for gross reduction

1.651(12)	Stem polishing discs for gross reduction
1.651(14)	Stem polishing discs for gross reduction
1.652(8)	Stem polishing discs for contouring
1.652(12)	Stem polishing discs for contouring
1.652(14)	Stem polishing discs for contouring
1.653(8)	Stem polishing discs for finishing
1.653(12)	Stem polishing discs for finishing
1.653(14)	Stem polishing discs for finishing
1.654(8)	Stem polishing discs for polishing
1.654(12)	Stem polishing discs for polishing
1.654(14)	Stem polishing discs for polishing
1.651(8)o	Stem polishing discs for gross reduction
1.651(12)o	Stem polishing discs for gross reduction
1.651(14)o	Stem polishing discs for gross reduction
1.652(8)o	Stem polishing discs for contouring
1.652(12)o	Stem polishing discs for contouring
1.652(14)o	Stem polishing discs for contouring
1.653(8)o	Stem polishing discs for finishing
1.653(12)o	Stem polishing discs for finishing
1.653(14)o	Stem polishing discs for finishing
1.654(8)o	Stem polishing discs for polishing
1.654(12)o	Stem polishing discs for polishing
1.654(14)o	Stem polishing discs for polishing
1.760 (10)	Stem polishing discs
1.760 (12)	Stem polishing discs
1.760 (14)	Stem polishing discs
1.761(10)	Stem polishing discs for gross reduction
1.761(12)	Stem polishing discs for gross reduction
1.761(14)	Stem polishing discs for gross reduction
1.761(16)	Stem polishing discs for gross reduction
1.762(10)	Stem polishing discs for contouring
1.762(12)	Stem polishing discs for contouring
1.762(14)	Stem polishing discs for contouring
1.762(16)	Stem polishing discs for contouring
1.763(10)	Stem polishing discs for finishing
1.763(12)	Stem polishing discs for finishing
1.763(14)	Stem polishing discs for finishing
1.763(16)	Stem polishing discs for finishing
1.764(10)	Stem polishing discs for polishing
1.764(12)	Stem polishing discs for polishing
1.764(14)	Stem polishing discs for polishing
1.764(16)	Stem polishing discs for polishing
9.600(8)	Stem polishing discs with diamond coating
9.600(12)	Stem polishing discs with diamond coating
9.600(14)	Stem polishing discs with diamond coating
9.611	Stem polishing discs with diamond coating for gross reduction
9.621	Stem polishing discs with diamond coating for gross reduction
9.631	Stem polishing discs with diamond coating for gross reduction
9.612	Stem polishing discs with diamond coating for contouring
9.622	Stem polishing discs with diamond coating for contouring
9.632	Stem polishing discs with diamond coating for contouring
9.613	Stem polishing discs with diamond coating for finishing
9.623	Stem polishing discs with diamond coating for finishing
9.633	Stem polishing discs with diamond coating for finishing
9.614	Stem polishing discs with diamond coating for polishing
9.624	Stem polishing discs with diamond coating for polishing
9.634	Stem polishing discs with diamond coating for polishing
9.611o	Stem polishing discs with diamond coating for gross reduction
9.621o	Stem polishing discs with diamond coating for gross reduction
9.631o	Stem polishing discs with diamond coating for gross reduction

9.612o	Stem polishing discs with diamond coating for contouring
9.622o	Stem polishing discs with diamond coating for contouring
9.632o	Stem polishing discs with diamond coating for contouring
9.613o	Stem polishing discs with diamond coating for finishing
9.623o	Stem polishing discs with diamond coating for finishing
9.633o	Stem polishing discs with diamond coating for finishing
9.614o	Stem polishing discs with diamond coating for polishing
9.624o	Stem polishing discs with diamond coating for polishing
9.634o	Stem polishing discs with diamond coating for polishing
9.650	Stem polishing discs with diamond coating
9.651(8)	Stem polishing discs with diamond coating for gross reduction
9.651(12)	Stem polishing discs with diamond coating for gross reduction
9.651(14)	Stem polishing discs with diamond coating for gross reduction
9.652(8)	Stem polishing discs with diamond coating for contouring
9.652(12)	Stem polishing discs with diamond coating for contouring
9.652(14)	Stem polishing discs with diamond coating for contouring
9.653(8)	Stem polishing discs with diamond coating for finishing
9.653(12)	Stem polishing discs with diamond coating for finishing
9.653(14)	Stem polishing discs with diamond coating for finishing
9.654(8)	Stem polishing discs with diamond coating for polishing
9.654(12)	Stem polishing discs with diamond coating for polishing
9.654(14)	Stem polishing discs with diamond coating for polishing
9.651(8)o	Stem polishing discs with diamond coating for gross reduction
9.651(12)o	Stem polishing discs with diamond coating for gross reduction
9.651(14)o	Stem polishing discs with diamond coating for gross reduction
9.652(8)o	Stem polishing discs with diamond coating for contouring
9.652(12)o	Stem polishing discs with diamond coating for contouring
9.652(14)o	Stem polishing discs with diamond coating for contouring
9.653(8)o	Stem polishing discs with diamond coating for finishing
9.653(12)o	Stem polishing discs with diamond coating for finishing
9.653(14)o	Stem polishing discs with diamond coating for finishing
9.654(8)o	Stem polishing discs with diamond coating for polishing
9.654(12)o	Stem polishing discs with diamond coating for polishing
9.654(14)o	Stem polishing discs with diamond coating for polishing
9.760 (10)	Stem polishing discs with diamond coating
9.760 (12)	Stem polishing discs with diamond coating
9.760 (14)	Stem polishing discs with diamond coating
9.761(10)	Stem polishing discs with diamond coating for gross reduction
9.761(12)	Stem polishing discs with diamond coating for gross reduction
9.761(14)	Stem polishing discs with diamond coating for gross reduction
9.761(16)	Stem polishing discs with diamond coating for gross reduction
9.762(10)	Stem polishing discs with diamond coating for contouring
9.762(12)	Stem polishing discs with diamond coating for contouring
9.762(14)	Stem polishing discs with diamond coating for contouring
9.762(16)	Stem polishing discs with diamond coating for contouring
9.763(10)	Stem polishing discs with diamond coating for finishing
9.763(12)	Stem polishing discs with diamond coating for finishing
9.763(14)	Stem polishing discs with diamond coating for finishing
9.763(16)	Stem polishing discs with diamond coating for finishing
9.764(10)	Stem polishing discs with diamond coating for polishing
9.764(12)	Stem polishing discs with diamond coating for polishing
9.764(14)	Stem polishing discs with diamond coating for polishing
9.764(16)	Stem polishing discs with diamond coating for polishing
11.611	Stem polishing discs for gross reduction
11.621	Stem polishing discs for gross reduction
11.631	Stem polishing discs for gross reduction
11.651(8)	Stem polishing discs for gross reduction
11.651(12)	Stem polishing discs for gross reduction
11.651(14)	Stem polishing discs for gross reduction
11.612	Stem polishing discs for contouring
11.622	Stem polishing discs for contouring

11.632	Stem polishing discs for contouring
11.652(8)	Stem polishing discs for contouring
11.652(12)	Stem polishing discs for contouring
11.652(14)	Stem polishing discs for contouring
11.613	Stem polishing discs for finishing
11.623	Stem polishing discs for finishing
11.633	Stem polishing discs for finishing
11.653(8)	Stem polishing discs for finishing
11.653(12)	Stem polishing discs for finishing
11.653(14)	Stem polishing discs for finishing
11.614	Stem polishing discs for polishing
11.624	Stem polishing discs for polishing
11.634	Stem polishing discs for polishing
11.654(8)	Stem polishing discs for polishing
11.654(12)	Stem polishing discs for polishing
11.654(14)	Stem polishing discs for polishing
Polishing discs	
1.021	Finishing and Polishing kit
1.021(0)	Finishing and Polishing kit
1.075	Polishing discs
1.075 mini	Polishing discs
1.075 XXL	Polishing discs
1.075 V	Polishing discs
1.070(9,5)V	Polishing discs
1.070(12,7)V	Polishing discs
1.076	Polishing discs
1.077	Polishing discs
1.069	Polishing discs
1.069(0)	Polishing discs
1.070	Polishing discs
1.070(0)	Polishing discs
1.071	Polishing discs
1.071(0)	Polishing discs
1.072	Polishing discs
1.072(0)	Polishing discs
2.076	Polishing discs
2.077	Polishing discs
2.075(9,5)	Polishing discs
2.075(10)	Polishing discs
2.075(12)	Polishing discs
2.075(12,7)	Polishing discs
2.075(14)	Polishing discs
2.075(16)	Polishing discs
2.070(9,5)	Polishing discs
2.070(10)	Polishing discs
2.070(12)	Polishing discs
2.070(12,7)	Polishing discs
2.070(14)	Polishing discs
2.070(16)	Polishing discs
1.731(A)	Polishing discs for gross reduction
1.731(9,5)	Polishing discs for gross reduction
1.731(9,5)V	Polishing discs for gross reduction
1.731(10)	Polishing discs for gross reduction
1.731(10)BR	Polishing discs for gross reduction
1.731(12)	Polishing discs for gross reduction
1.731(B)	Polishing discs for gross reduction
1.731(12,7)	Polishing discs for gross reduction
1.731(12,7)V	Polishing discs for gross reduction
1.731(14)	Polishing discs for gross reduction
1.731(14)BR	Polishing discs for gross reduction
1.731(16)	Polishing discs for gross reduction
1.731(22)	Polishing discs for gross reduction

1.731(12,7)k	Polishing discs for gross reduction
1.731(14)k	Polishing discs for gross reduction
1.731(16)k	Polishing discs for gross reduction
1.732(A)	Polishing discs for contouring
1.732(9,5)	Polishing discs for contouring
1.732(9,5)LV	Polishing discs for contouring
1.732(9,5)LR	Polishing discs for contouring
1.732(10)	Polishing discs for contouring
1.732(10)DP	Polishing discs for contouring
1.732(10)PE	Polishing discs for contouring
1.732(12)	Polishing discs for contouring
1.732(12)LR	Polishing discs for contouring
1.732(B)	Polishing discs for contouring
1.732(12,7)	Polishing discs for contouring
1.732(12,7)LV	Polishing discs for contouring
1.732(12,7)LR	Polishing discs for contouring
1.732(12,7)PE	Polishing discs for contouring
1.732(14)	Polishing discs for contouring
1.732(14)LR	Polishing discs for contouring
1.732(14)DP	Polishing discs for contouring
1.732(14)PE	Polishing discs for contouring
1.732(16)	Polishing discs for contouring
1.732(16)LR	Polishing discs for contouring
1.732(17)LR	Polishing discs for contouring
1.732(12,7)k	Polishing discs for contouring
1.732(14)k	Polishing discs for contouring
1.732(16)k	Polishing discs for contouring
1.733(A)	Polishing discs for finishing
1.733(9,5)	Polishing discs for finishing
1.733(9,5)P	Polishing discs for finishing
1.733(9,5)S	Polishing discs for finishing
1.733(10)	Polishing discs for finishing
1.733(10)S	Polishing discs for finishing
1.733(12)	Polishing discs for finishing
1.733(B)	Polishing discs for finishing
1.733(12,7)	Polishing discs for finishing
1.733(12,7)P	Polishing discs for finishing
1.733(12,7)S	Polishing discs for finishing
1.733(14)	Polishing discs for finishing
1.733(14)S	Polishing discs for finishing
1.733(16)	Polishing discs for finishing
1.733(12,7)k	Polishing discs for finishing
1.733(14)k	Polishing discs for finishing
1.733(16)k	Polishing discs for finishing
1.734(A)	Polishing discs for polishing
1.734(9,5)	Polishing discs for polishing
1.734(9,5)LP	Polishing discs for polishing
1.734(10)	Polishing discs for polishing
1.734(10)LS	Polishing discs for polishing
1.734(12)	Polishing discs for polishing
1.734(B)	Polishing discs for polishing
1.734(12,7)	Polishing discs for polishing
1.734(12,7)LP	Polishing discs for polishing
1.734(12,7)LS	Polishing discs for polishing
1.734(14)	Polishing discs for polishing
1.734(14)LS	Polishing discs for polishing
1.734(16)	Polishing discs for polishing
1.734(12,7)k	Polishing discs for polishing
1.734(14)k	Polishing discs for polishing
1.734(16)k	Polishing discs for polishing
2.730(9,5)G	Polishing discs for gross reduction
2.730(10)G	Polishing discs for gross reduction

2.730(12)G	Polishing discs for gross reduction
2.730(12,7)G	Polishing discs for gross reduction
2.730(14)G	Polishing discs for gross reduction
2.730(16)G	Polishing discs for gross reduction
2.730(1/2)	Polishing discs for gross reduction
2.730(5/8)G	Polishing discs for gross reduction
2.730(3/4)G	Polishing discs for gross reduction
2.730(7/8)G	Polishing discs for gross reduction
2.731(9,5)	Polishing discs for gross reduction
2.731(10)	Polishing discs for gross reduction
2.731(12)	Polishing discs for gross reduction
2.731(12,7)	Polishing discs for gross reduction
2.731(14)	Polishing discs for gross reduction
2.731(16)	Polishing discs for gross reduction
2.731(1/2)	Polishing discs for gross reduction
2.731(5/8)	Polishing discs for gross reduction
2.731(7/8)	Polishing discs for gross reduction
2.733(9,5)	Polishing discs for finishing
2.733(10)	Polishing discs for finishing
2.733(12)	Polishing discs for finishing
2.733(12,7)	Polishing discs for finishing
2.733(14)	Polishing discs for finishing
2.733(16)	Polishing discs for finishing
2.733(1/2)	Polishing discs for finishing
2.733(5/8)	Polishing discs for finishing
2.734(9,5)	Polishing discs for polishing
2.734(10)	Polishing discs for polishing
2.734(12)	Polishing discs for polishing
2.734(12,7)	Polishing discs for polishing
2.734(14)	Polishing discs for polishing
2.734(16)	Polishing discs for polishing
2.734(1/2)	Polishing discs for polishing
2.734(5/8)	Polishing discs for polishing
9.731(9,5)	Polishing discs with diamond coating for gross reduction
9.731(10)	Polishing discs with diamond coating for gross reduction
9.731(12)	Polishing discs with diamond coating for gross reduction
9.731(12,7)	Polishing discs with diamond coating for gross reduction
9.731(14)	Polishing discs with diamond coating for gross reduction
9.731(16)	Polishing discs with diamond coating for gross reduction
9.732(9,5)	Polishing discs with diamond coating for contouring
9.732(10)	Polishing discs with diamond coating for contouring
9.732(12)	Polishing discs with diamond coating for contouring
9.732(12,7)	Polishing discs with diamond coating for contouring
9.732(14)	Polishing discs with diamond coating for contouring
9.732(16)	Polishing discs with diamond coating for contouring
9.733(9,5)	Polishing discs with diamond coating for finishing
9.733(10)	Polishing discs with diamond coating for finishing
9.733(12)	Polishing discs with diamond coating for finishing
9.733(12,7)	Polishing discs with diamond coating for finishing
9.733(14)	Polishing discs with diamond coating for finishing
9.733(16)	Polishing discs with diamond coating for finishing
9.734(9,5)	Polishing disc with diamond coating s for polishing
9.734(10)	Polishing disc with diamond coating s for polishing
9.734(12)	Polishing disc with diamond coating s for polishing
9.734(12,7)	Polishing disc with diamond coating s for polishing
9.734(14)	Polishing disc with diamond coating s for polishing
9.734(16)	Polishing disc with diamond coating s for polishing
10.731(10)	Polishing discs with diamond coating for gross reduction
10.731(12)	Polishing discs with diamond coating for gross reduction
10.731(14)	Polishing discs with diamond coating for gross reduction
10.731(16)	Polishing discs with diamond coating for gross reduction
10.732(10)	Polishing discs with diamond coating for contouring

10.732(12)	Polishing discs with diamond coating for contouring
10.732(14)	Polishing discs with diamond coating for contouring
10.732(16)	Polishing discs with diamond coating for contouring
10.733(10)	Polishing discs with diamond coating for finishing
10.733(12)	Polishing discs with diamond coating for finishing
10.733(14)	Polishing discs with diamond coating for finishing
10.733(16)	Polishing discs with diamond coating for finishing
10.734(10)	Polishing disc with diamond coating s for polishing
10.734(12)	Polishing disc with diamond coating s for polishing
10.734(14)	Polishing disc with diamond coating s for polishing
10.734(16)	Polishing disc with diamond coating s for polishing
1.120	Mandrel for polishing discs
1.121	Mandrel for polishing discs
1.122	Mandrel for polishing discs
1.121(3)	Mandrel for polishing discs