

## Product marking requirements for coated abrasives

This document provides guidance and explanations for the marking of bonded, coated and superabrasive products on the basis of the EN Standards, oSa Technical Annex and Conditions of Use for the oSa Trademark.

### Requirements for specific products according to EN 13743:2017

Specifications	1	2	3	4	5	6	7	8	9
Description of abrasive product	Manufacturer, supplier, importer, trade-mark	Dimensions mm	Maximum operating speed <sup>a</sup>	Maximum permissible speed of rotation 1/min	Declaration of conformity	Restriction of use	Traceability code	oSa Logo	Private label number
Flap discs	X	X	X	X	X	X	X	X	Must be used on all private label products bearing the oSa logo
Flap wheels	X	X	X	X	X	X	X	X	
Spindle mounted flap wheels	X	X	X	X	X	–	X	X	
Coated vulcanised fibre disc	X	X	X	X	X	X	X	X	
Bach-up pads for vulcanised fibre discs	X	–	–	X	X	–	X	X	
<sup>a</sup> Option: Additional marking with colour code in accordance with EN 13743 Annex B									

### To specification 1: Trade name

Instead of the name of manufacturer, supplier or importer their registered trademark may be shown.

### To specification 2: Dimension

Flap discs, flap wheels and coated vulcanised fibre discs — nominal dimensions

Spindle mounted flap wheels — nominal dimensions, diameter of the spindle and minimum clamping length

- Ensure correct conversion of imperial bore sizes, e.g. 7/8" is 22.23 mm not 22.2 mm or 22 mm

### To specification 3: Maximum operating speed

- Should specify the maximum possible speed that the wheel can be safely used at
- This is the speed that is used to derive the test requirements
- Should be taken from the table in Annex C of EN 13743
- For spindle mounted flap wheels, the maximum permissible speed of rotation as a function of the relevant overhang and the minimum length of spindle within the collet shall be given

### To specification 4: Maximum permissible speed of rotation

Maximum permissible speed of rotation in 1/min or rpm. The speed of rotation marked on the product should be according to Annex C of EN 13743.




For spindle mounted flap wheels, the maximum permissible speed of rotation as a function of the relevant overhang and the minimum length of spindle within the collet shall be given.

### To specification 5: Declaration of conformity

For declaration of conformity with the requirements of this European Standard, the products shall be marked with: EN 13743

### To specification 6: Restriction of use

- Shall be given in full length or by pictogram:

Not permitted for hand-held grinding	Not permitted for wet grinding	Only permitted with back-up pad
This restriction only applies to abrasive products not for use on hand-held machines but capable of being mounted on such machines	Abrasive product only suitable for dry grinding	Abrasive product only for use with additional appropriate back-up pad
		
Colour of pictograms according to ISO 3864-2 wherever possible		

Coated abrasive products for which certain grinding procedures, grinding machines and certain applications have to be obeyed shall be marked with the corresponding restrictions of use according to Table A.2. of EN 13743.

The restrictions of use shall be given in full length (see Table A.2, column 1) or in the form of symbols (see Table A.2, column 3).

### To specification 7: Traceability code

To ensure traceability and identification, the abrasive products shall be marked with a traceability code which enables the ability to link an individual product to a limited production quantity.

Although EN 13743 allows the code to be on the product or package, oSa will still require it to be on the product. It can be for example:

- Order number
- Manufacturing batch number
- Despatch or shipping number
- Date of production
- Series number
- Expiry date

### To specification 8: oSa Logo

All products should be marked:



By marking oSa on the product, the manufacturer is confirming that it meets the requirements of EN 13743 and the additional requirements stipulated in the Technical Annex of oSa

### To specification 9: Private label number

All products bearing the oSa logo on private label products must also bear the five-digit oSa private label number.

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### Execution of the marking following point 4.3 Conditions of Use for the oSa Trademark

The additional marking of abrasive products and packaging bearing the oSa mark with designations, symbols, logos, seals, numbers, etc. of third parties, in particular with those of other testing or safety institutes such as the DSA, MPA or TÜV is not permitted, unless there is a subsequent national legal requirement or other objective reasons which justify the need for such an additional marking. It is, however, permitted to mark abrasive products and packaging with the applicant's own company designations, symbols, etc. which are clearly and unambiguously recognizable as such as well as national product standards, provided they are adhered to and do not contradict the EN safety standards.

It is permitted to mark abrasive products with imperial in addition to metric measurements. However, the exclusive marking with imperial measurements is not permitted. Furthermore, type designations according to ANSI (Type 1 for cutting-off wheels) are permitted if the correct ISO type designation for cutting-off wheels (ISO Type 41 or Type 42) is also marked. The additional marking with ANSI TYPE 1 should preferably be connected to the designation of imperial measurements.

Upon the oSa's request, a sample of the abrasive products or packaging marked in this way has to be presented to the oSa-office.