

203A Spatula

Non-sparking hand tool for removing, smoothing and cleaning

The 203A spatula is designed for controlled removal of coatings, sealants and residues, and for smoothing and cleaning surfaces. The range is available in aluminium bronze (AC) or beryllium copper (BC). Both materials are corrosion-resistant and intended for low-spark work in potentially explosive atmospheres.

Typical sectors: chemical, oil and gas, mining, offshore, maintenance and repair.



The image shows both material versions; colour and handle design may vary.

Product data

Characteristic	Specification
Product / range	203A spatula / scraper
Manufacturer / brand	X-Spark; manufactured by Hebei Botou Safety Tools Co. Ltd., China
Blade	Robust, flexible spatula blade; nominal width 25, 40, 50 or 65 mm
Nominal length	200 mm; the second product source states an overall length of approx. 203 mm for model 203A-1008
Materials	AC = aluminium bronze (Cu-Al); BC = beryllium copper (Cu-Be)
Properties	Low-spark / non-sparking, corrosion-resistant, low magnetic response, non-slip handle
Packaging	Cardboard box

Versions

Model	Nominal W x L	AC	BC
203A-1002	25 x 200 mm	available	available
203A-1004	40 x 200 mm	available	available
203A-1006	50 x 200 mm	available	available
203A-1008	65 x 200 mm	available	available

Important explosion protection information

The BAM evidence relates to the tested AC and BC alloy materials. The spatula is a manually operated tool and does not have a separate ATEX equipment approval. Its use must form part of the workplace risk assessment.

Material data

The following values apply to the alloys specified by X-Spark. Material composition and hardness must be checked against the BAM material evidence.

Property	AC - aluminium bronze	BC - beryllium copper
Composition	> 99.0% Cu+Al+Ni+Fe+Mn; Al 10.0-12.0%; Ni 4.0-6.0%; Fe+Mn < 5.8%	> 99.0% Cu+Be+Co+Ni+Fe; Be 1.5-2.3%; Co+Ni > 0.2%; Co+Ni+Fe < 1.2%
Tensile strength	782-989 N/mm ²	1,117-1,326 N/mm ²
Yield strength	450-550 N/mm ²	840-880 N/mm ²
Hardness	HB 221-291 / HRC 20-31	HB 283-365 / HRC 30-41
Magnetic property	Manufacturer specification: approx. 1.2	Manufacturer specification: approx. 1.0
BAM evidence	BAM/ZBF/001/23	BAM/ZBF/002/23

Suitability for potentially explosive atmospheres

Verified scope	Material-based suitability for Zone 1 and/or Zone 21; all explosion groups I, IIA, IIB and IIC - provided all conditions in the respective BAM certificate are fully observed.
Other zones	Use in the less hazardous Zones 2 and 22 must be assessed as part of the workplace risk assessment.
Validity of evidence	BAM/ZBF/001/23 and BAM/ZBF/002/23: valid until 9 July 2028.
Impact energy condition	Maximum mechanical energy absorption in a possible impact against the unhardened steel described in the certificate annex: 61 Nm. The complete conditions in the certificate annexes are authoritative.

Application and safety

Before use Carry out a risk assessment and inspect the tool for deformation, cracks and severe wear.	During use Avoid overloading, impact use and unintended levering. Due to their material properties, non-sparking tools are softer than conventional steel tools.
Protection concept The tool must never be the sole protective measure in fire or explosion hazardous areas. Observe workplace and occupational safety requirements.	Food contact No food-contact conformity evidence is available for this spatula. It is not specified as a tool for direct contact with food.

Document basis

- ATEXshop.de: 203A Spatula product page, AC/BC versions and sizes 25/40/50/65 x 200 mm.
- Torque Tools Vietnam: X-Spark 203A-1008, width 65 mm, overall length approx. 203 mm, origin and packaging.
- BAM certificates BAM/ZBF/001/23 (aluminium bronze) and BAM/ZBF/002/23 (beryllium copper), including annexes dated 10 July 2023.
- Non-sparking tools - technical data, seelTnow GmbH (material properties and instructions for use).

Notice

Technical changes and manufacturing tolerances are reserved. The manufacturer specifications current at the time of delivery, the complete BAM certificates and the specific workplace risk assessment are authoritative.

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