



Highlights

- For all types of metal and large diameters (> 15 mm)
- Very high surface finishes
- Slightly rounded corners
- Also suitable for manual polishing
- The embossed surface creates a beautiful, smooth, and shiny surface
- Recommended for polishing materials < HV 600

Woven pad made of polyacrylonitrile acrylic wool fibers

SAMBA-N

SAMBA-N pads are woven with polyacrylonitrile acrylic wool fibers. This antistatic polymer withstands light oxidizing agents, cold acids, solvents, and fats. Its high moisture absorption (60 %) moderates the stripping effect. The entanglement of the fibers encourages the diamond grains to become embedded in the material, which is conducive to good polishing. The rectilinear construction of the fibers results in high-quality embossing on the surface of the pad, giving the workpieces their shine and brilliance. The thickness of the pad can result in slightly rounded edges. SAMBA-N is also suitable for manual polishing of small production pieces.

Typical applications

Titanium gr. 5, steels, copper, stainless steel

Polishing pad	Base material	Hardness [Shore A]	Density [g/cm ³]	Thickness [mm]
ALUPOL-PLUS	Viskose	82	620	0,65
MAMBO	Poromer	65	814	1,50
QUICK-STEP	Polyamide	97	528	0,50
SAMBA-N	Polyacrylonitrile	87	840	1,05
STEP-PLUS	Cellulose acetate	96	720	0,65
STEP-PRO	Cellulose triacetate	96	770	0,65
SWING-PLUS	Viscose fibers	88	660	0.85

The data presented is a statistical representation for comparison purposes. The values are not necessarily representative of the COA specifications.

