

Pen Point Alloy AM



Properties of all the Pen Points

Pen Points have to meet very high requirements. They must be hard, i. e. wear-resistant and tough, and capable of being perfectly welded to both gold and steel nibs, and must have excellent polishing properties as well as being free from porosity and resistant to inks.

Pen Point Alloy AM

A high-percentage ruthenium alloy with additional osmium. Top quality of medium range. Suitable for gold and steel nibs. Properties: very good resistance to wear and excellent polishing properties. Very high ink-resistance. Very good weldability.

Technical Information about the Pen Point Alloy AM

usage:	tipping of fountain pen nibs
alloy:	high-percentage ruthenium alloy with osmium and traditionally tungsten
availability:	diameter: 0.60 up to 1.60 mm, tolerance: ± 0.05 mm
specific weight:	approx. 15.35 g / cm ³
production:	molten alloy
supplied in:	near spherical form
weldability:	very good with steel and good with 14 ct and 18 ct gold
hardness:	approx. HV 500
ink-resistance:	a good resistance against all commonly used inks
longevity:	factor 50
does <u>not</u> contain any:	arsenic, cadmium, hexavalent chromium, mercury, antimony, lead, barium or any soluble compound of these materials

**Heraeus Deutschland
GmbH & Co. KG**
Heraeus Performance Products
Heraeusstraße 12 - 14
63450 Hanau, Germany

Phone: +49 6181.35-5809
Fax: +49 6181.35-8620
E-Mail: sergej.schander@heraeus.com
www.heraeus-writingutensils.com