

RUTENOR HD

HARDNER FOR RHUTENIUM DEPOSITS

Colour : —

Use : **Bath**

Colour coordinates : L: —

a: —

b: —

Product description

Deposits of black or gun-metal grey ruthenium are particular because they are not very resistant to abrasion and therefore wear quickly. RUTENOR HD is an innovative ready to use chemical process developed in the Berkem laboratories capable of hardening, compacting and darkening deposits of black or gun-metal grey ruthenium. RUTENOR HD is simple to use and does not require use of current rectifiers since it is used by simple immersion.

Operating conditions

Parameter	Average suggested value
Deposition time	240 seconds
Temperature	60 °C
Voltage	—
Current density	—
Cathodic efficiency	—
Deposition speed	—
Anodes	—
Agitation	Not necessary
Ventilation	Necessary

Maintenance of plating bath

The duration of the solution is based on the quantity of pieces treated, therefore based on the consumption of special catalysers contained in the solution. It is therefore not possible to establish a duration value in advance. What we advise you to do is to replace the solution as soon as you see poor reaction gas development on the surface of the pieces immersed.

Safety Information

Please refer to the safety data sheets for any information regarding safety and disposal (MSDS).

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Preparation of the galvanic bath

The chemical process is supplied in ready to use form RUTENOR HD.

Product use

Use of the RUTENOR HD process is extremely simple and outlined below:

1. Once out of the black/gun-metal grey ruthenium bath, wash very well three times with deionised water.
2. Immerge the pieces in the ready to use RUTENOR HD solution.
3. Leave the pieces immersed for 4 minutes at 60°C (note the development of gas on the surface of the pieces, this means the hardening reaction is working)
4. Remove from the solution and rinse three times with deionised water
5. Dry

Products related

Cod.Articles	Description	Colour	Packaging
RU012701	RUTENOR HD Ruthenium hardner ready to use	—	1 - 25 L