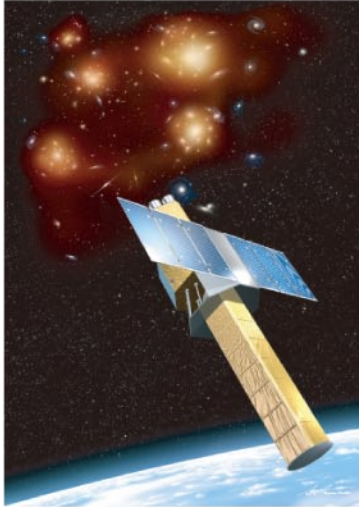


Electroless Nickel Plating for Aspheric Mirror Molds

Our Technology is used in a Variety of Fields:



Kyowa received a request from Chubu University's College of Engineering (Department of Engineering-Namba Laboratory) to help them develop the technology needed to create a next-generation hard X-ray telescope that will be carried onboard the international x-ray satellite "ASTRO-H" (scheduled to be launched in 2013).



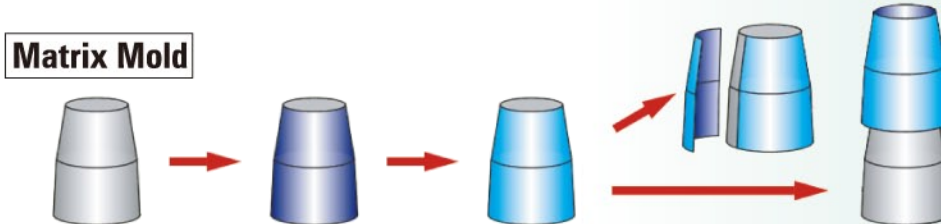
International X-Ray Satellite, "ASTRO-H", To be Launched in 2013

Next-Generation Hard X-Ray Telescope

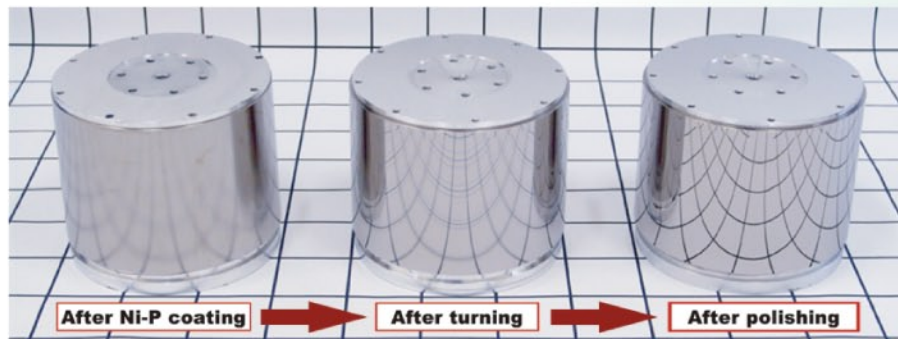


Pt/C Multilayer Mirror

"HINOP" - High-quality, pinhole-free, thick electroless nickel plating provided by Kyowa is reliable, and can be used on large aspheric molds which require super mirror finishing.



Roughness after Polishing: **0.180nm Ra**



Matrix Material: A7075 Plating Thickness: 150μm