

HONE DRILLED PRECISION (HDP) – INNER DIAMETER SURFACE

As the first supplier of NITINOL tubing with a centerless ground OD surface, we are delighted to now also offer NITINOL tubing with a high quality hone drilled ID surface.

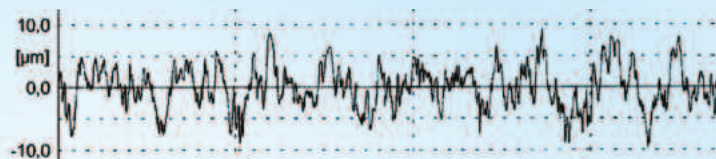
We have created a completely new machining process, which produces NITINOL tubing with an extremely smooth ID surface, high precision ID quality and which has an improved wall thickness tolerance at the same time.

The ID surface can lower your expenses for ID surface finishes or can even be used as the final ID surface finish in certain cases.

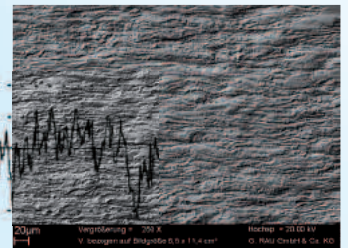
Our new process has many advantages for your product:

- ID surface quality like honed
- Less wall thickness variation
- Lowered expenses for surface finish
- Smoother ID surface after electropolishing
- Higher production yields due to optimized prematerial

SP-(Standard Precision) ID surface



Surface roughness profile Ra approx. 2 µm

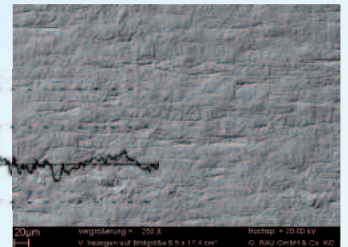


Surface roughness SEM

HP-(High Precision) ID surface

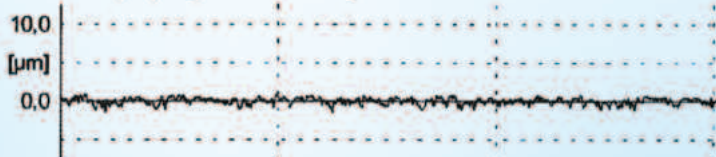


Surface roughness profile Ra approx. 0,5 µm

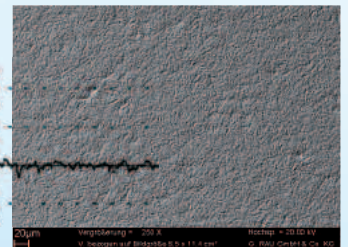


Surface roughness SEM

HDP-(Hone Drilled Precision) ID surface



Surface roughness profile Ra approx. 0,3 µm



Surface roughness SEM

We will be happy to provide you with sample material for your tests and will be happy to assist you if you have any queries or need further information.

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