

Co-Ni alloy pipe

Ideal material and processing technique for analysis nozzle



Designed for each customer's specification

Hardness

More than Hv620

(SUS316L : about Hv300, βti : about 450Hv)

Abrasion Resistance

More than 2 times (compared to ITO SUS316L nozzle)

More than 1.4 times (compared to ITO βti nozzle)

Antiwear test: polished by #500 sandpaper

Workability

Groove, Tip cut, Taper, Inner surface polish, Laser welding etc.

Other features

- High elasticity
- High chemical resistance
- Non-magnetic
- Little content of Fe particle (less than 2.1%)

Major component

Co	Ni	Cr	Mo	Others
34.5%	32%	20%	10%	3.5%

Other enable processing technique

- Side hole without dead volume
- Inner surface roughness: Ra 0.05 or less
- Grooving on the outer surface
- Brazing, Soldering, Laser welding etc.

Use suitability

- Piercing needle
- Nozzle, Probe for biochemical and hematology analyzer
- Pipe for chemical plant etc.

◆ Product specifications are subject to change without prior notice for improvement.



Contact Japan: 3800-16, Obuchi, Fuji, Shizuoka, 417-0801 JAPAN
Email: info@exmire.com URL: <http://www.ito-ex.co.jp/en/>

Contact China: 中国北京市朝阳区霄云路32号2号楼707室
Email: chai@exmire.com URL: <http://www.ito-ex.co.jp/zh/>

