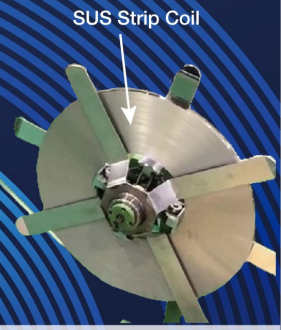
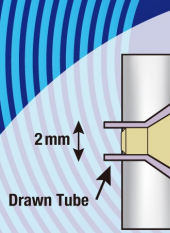
Medical Needle Manufacture Process, Stainless Steel

JAPAN

MORI MACHINERY CORPORATION



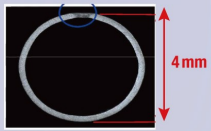




Plug Drawing

Drawing Original Tube 4 mm to 2 mm by floating plug.

STEP 01

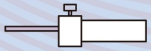


Tube Profile of Original Tube

Forming & Welding

„Welded Tube Mill“ forms flat strip and weld to round shape. TIG / Plasma / Laser weld is available.

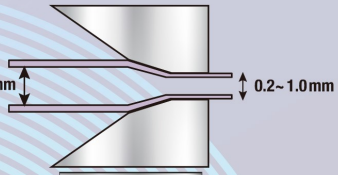
STEP 02



Annealing

Heat treatment to reverse effects of work hardening, increase ductility, reduce hardness.

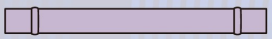
STEP 03



Wire Drawling

Repeats wire drawing process until tube diameter is decreased to desired

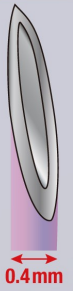
STEP 04

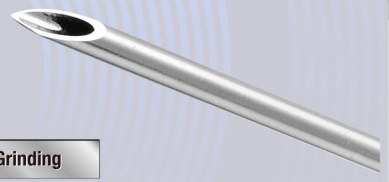


Straightening & Cutting

After straightening, tube is cut to 2 m length.

STEP 05





Grinding

Tube is grinded to obtain sharp edge.

Welded Tube Mill from MORI MACHINERY OD2.0 - 10 mm