




OM STEEL TUBES LIMITED

Manufacturers of Stainless Steel Capillary Tubes and Pipes

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About Us...

Om Steel Tubes Limited, established in 1981, is the pioneer manufacturer of stainless steel Capillary/Miniature Fine Precision Tubings and large diameter specialized Stainless Steel Tubes. An ISO 9001:2008 certified company, OST is today a pride of the Nation having latest technical know how and plant from Japan with professionally highly callibered and experienced engineers delivering specialized precision capillary tubings to diversified industries including healthcare all over the world. The products being rolled out are highly precise, accurate and the finest in the world.

Owing to its most modern state of the art manufacturing facility and vastly experienced personnel, OST provides its Domestic and International customers with superior quality products at competitive costs and reliable, timely delivery solutions there by effectively partnering with customers in ensuring mutual growth of business.

QUALITY OBJECTIVES

1. Continuous Improvement In Process, Technology And Products Quality.
2. Increase In Productivity Through Wasteage Reduction & optimum resource utilisation.
3. Involvement of Employees through motivation, training and communication.
4. To obtain product performance in terms of products improvement and changing needs through regular interaction of customers.
5. Control And Monitor Cost of Production there by increasing profitabilty of the company.

QUALITY POLICY

To ensure business growth by establishing and achieving customer satisfaction and there by the company objective. Effective implementation and continual improvement of quality management system in the organisation.

An ISO 9001:2008 Certified Company



Fine Stainless Steel Tube is used for innumerable operations/applications where a precision component is required. We manufacture Austenitic Stainless Steel Tubes from 0.30 mm to 31.75 mm O.D. and in thickness from 0.06 mm to 2.00 mm respectively. This capability allows us the flexibility to provide tubes for such diverse application such as:-

- ✓ Disposable Hypodermic Needles and Cannulae
- ✓ Water Geyser Assembly
- ✓ Domestic Appliances
- ✓ Capillary Thermostats/ Thermometers
- ✓ Refrigeration
- ✓ Chromatography Instruments
- ✓ Heating Elements / Heat Exchangers
- ✓ Automobiles Components/Fuel Injection assemblies
- ✓ Pressure Gauges
- ✓ Food and Beverage Handling Equipments
- ✓ Process control / Thermostatic control instruments/ Industrial Instrumentation

We can quickly draw on supplies for producing cold drawn welded tubes. What's more, the range of our manufacturing capability minimizes production lead times in a very varied market. Complex configurations and final finishes are often required by our customers and efficiently met by us.

MATERIAL

AISI 304, 304L, 316L, 316 Ti, 321, i.e. All common austenitic grades conforming to AISI and other international standards.

SPECIFICATIONS

ASTM A269, 249, 213, 312 to A450 and EN, DIN standards.

LENGTH RANGE

Maximum 6 Meters or in long continuous Coils.

SIZE RANGE

All sizes from 0.30 mm to 31.75 mm O.D and 0.06 mm to 2.00 mm thickness

O.D in mm	W.T in mm											
	0.1	0.25	0.3	0.5	0.6	0.7	0.9	1.0	1.2	1.5	1.6	2
≤ 1.0 mm	*	*	*									
1.0 - 2.0	*	*	*	*	*	*	*	*	*	*	*	*
2.0 - 3.0	*	*	*	*	*	*	*	*	*	*	*	*
3.0 - 4.0	*	*	*	*	*	*	*	*	*	*	*	*
5.0	*	*	*	*	*	*	*	*	*	*	*	*
6.0	*	*	*	*	*	*	*	*	*	*	*	*
6.35	*	*	*	*	*	*	*	*	*	*	*	*
7.94/8.0	*	*	*	*	*	*	*	*	*	*	*	*
9.52	*	*	*	*	*	*	*	*	*	*	*	*
10.0	*	*	*	*	*	*	*	*	*	*	*	*
12.0	*	*	*	*	*	*	*	*	*	*	*	*
12.7	*	*	*	*	*	*	*	*	*	*	*	*
14.0	*	*	*	*	*	*	*	*	*	*	*	*
15.8	*	*	*	*	*	*	*	*	*	*	*	*
19.05	*	*	*	*	*	*	*	*	*	*	*	*
25.4	*	*	*	*	*	*	*	*	*	*	*	*
31.75	*	*	*	*	*	*	*	*	*	*	*	*



We can manufacture any and every possible configuration (any O.D, any W.T) with in the above range.



MEDICAL & VERY SMALL DIAMETER TUBE

This type of tube is mainly used for medical purposes — Hypodermic Disposable Needles, I.V. Cannulae, Dental, Serum, Exploratory, Veterinary, Transfusion Applications and Artificial Insemination Guns.

Now, due to the comprehensive range of sizes that we make, our tubes are being employed in an increasing number of other applications such as instrumentation, chromatography, electronics, thermostatic devices, nuclear energy and aerospace research, where OST quality comes into its own.

MATERIAL

AISI 304, 304-L, 316-L, 321 austenitic stainless steel.

LENGTH RANGE

- (A) Straight lengths from 1.0 Meters. to 3.0 Meters. (3.0 feet to 10.0 feet approx)
 (B) Coils upto 1500 Meters (5000 ft.). Even longer coils are made on order.

SPECIFICATIONS

As per various International Standards such as: - GG-N-196, ISO 9626



Dimensions For Hypodermic Needle Tubing

Gauge	Outside Diameter Tolerances MM	Regular Wall (RW) MM	Thin Wall (TW) MM	Extra Thin Wall (XTW) MM	Ultra Thin Wall (UTW) MM
30	0.304 - 0.317	0.064 - 0.089			
29	0.330 - 0.342	0.064 - 0.089			
28	0.355 - 0.368	0.076 - 0.102			
27	0.406 - 0.419	0.089 - 0.115	0.064 - 0.089		
26	0.457 - 0.469	0.089 - 0.114			
25	0.508 - 0.520	0.115 - 0.140	0.089 - 0.114		
24	0.558 - 0.571	0.114 - 0.140	0.089 - 0.114		0.051 - 0.102
23	0.635 - 0.647	0.140 - 0.165	0.089 - 0.114		0.051 - 0.102
22	0.711 - 0.723	0.140 - 0.165	0.096 - 0.121	0.070 - 0.102	0.051 - 0.102
21	0.812 - 0.825	0.140 - 0.165	0.102 - 0.127		0.051 - 0.102
20	0.901 - 0.914	0.108 - 0.165	0.108 - 0.134		
19	1.054 - 1.079	0.166 - 0.216	0.102 - 0.140	0.070 - 0.108	
18	1.257 - 1.282	0.191 - 0.241	0.127 - 0.165	0.083 - 0.121	0.051 - 0.102
17	1.460 - 1.485	0.177 - 0.229	0.115 - 0.152	0.083 - 0.127	0.057 - 0.102
16	1.638 - 1.663	0.204 - 0.254	0.127 - 0.165	0.096 - 0.133	0.070 - 0.121
15	1.816 - 1.841	0.204 - 0.254	0.127 - 0.165	0.096 - 0.134	0.070 - 0.121
14	2.082 - 2.133	0.216 - 0.292	0.165 - 0.229	0.144 - 0.165	0.076 - 0.134
13	2.387 - 2.438	0.267 - 0.343	0.191 - 0.267		
12	2.743 - 2.749	0.267 - 0.321			
11	3.023 - 3.073	0.293 - 0.68	0.216 - 0.292		
10	3.378 - 3.429	0.318 - 0.394	0.216 - 0.292		

OUR PRODUCTS AND THEIR APPLICATIONS



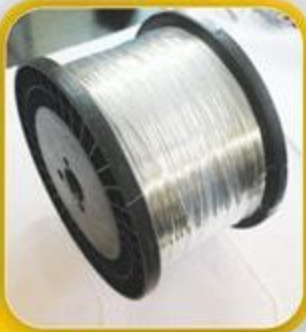
Heating Elements



Disposable Hypodermic Needle



Capillary Thermostats



Water Geyser Assembly



Beverage Handling Equipment and Instrumentation



Automobile Components



Bourdon tube pressure gauge



OUR GLOBAL PRESENCE



WE EXPORT TO....

ITALY

TURKEY

RUSSIA

USA

GERMANY

SOUTH AFRICA

CHINA

CANADA

FRANCE

BRAZIL

TAIWAN

ALL OVER INDIA

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