UNDER POSTING OF CERTIFICATE

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY
SURAT

Surat – 395007, Gujarat, India

Phone: 0261-2201960, Grams: SVARCET

DEPARTMENT OF PHYSICS

No: DoP/SP/Seed Money/2022-2023/1328 Date: 19/01/2023

Subject: Enquiry for supply of Customized Rectangular Waveguide

Reference: Approval note no. DOP/SP/Seed Money/2022-2023/265 dated 09/01/2023

Dear Sir/Madam

You are invited to quote your prices for supply of customized rectangular waveguide units listed overleaf. The quotations may be sent in a sealed envelope with the superscription "*Quotation with reference to the Enquiry No. DoP/SP/Seed Money/2022-2023/1328*" and addressed to 'The Director, S. V. National Institute of Technology, Surat – 395 007, Gujarat; kind attention: Dr. Shail Pandey, Assistant Professor, Department of Physics'. **Your quotation should reach the under signed on or before office hours 30/01/2023.**

With quotations furnish the following information, as per the applicability:

1. The brand or make of an item should be specifically stated and wherever necessary. Complete set of specifications and dimensions should be given.
2. If asked, samples are to accompany the quotations.
3. Sales tax, General tax, Central Sales tax, Custom duty, Insurance charges, packing and forwarding charges, if not included under the price quoted, should be clearly specified.
4. The period of validity of the quotation must be specified. Offers subject to prior sale may please be avoided.
5. The delivery period is to be clearly mentioned in the quotation.
6. The mode of delivery of the stores may be mentioned. The delivery should be F.O.R Surat or the Institute. The institute is located in the Municipal Limits and exempted from paying of Octroi Duty.
7. All concessions available to an educational institution should be specified and also taken into account while quoting.
8. Payment will be made only after satisfactory inspection of the supplied items.
9. Payment is normally made by cheque drawn on the S.V.R.C.E.T Branch Office of State Bank of India, Surat – 395 007 within a period of thirty days from the date of receipt of stores.
10. Your specifications and terms conditions should be on your company letterhead & signed by an authorized person.
11. Offered Quotation may be rejected if any ambiguity is found in the offered specifications, terms & conditions supplied by the party in specified tabular format.
12. The director reserves the right to accept stores which are not strictly in confirming with the specifications, but otherwise found suitable.

Yours faithfully

19/01/2023

Dr. Shail Pandey
Assistant Professor, DoP

19/01/2023

Head, DoP

विभागाध्यक्ष HEAD
भौतिकी विभाग Department of Physics
सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान, सूरत
S. V. National Institute of Technology
Surat-395007.

CUSTOMIZED RECTANGULAR WAVEGUIDE

Description

Following rectangular waveguide units are required for research purpose at the Department of Physics, SVNIT Surat. These units are customized based on the research requirement and will be used to generate microwave based gaseous plasma source. The AUTOCAD design of both the units with the required dimensions are attached.

Specification:

Sr. No.	Item	Specification
1.	Rectangular waveguide	
	a. Customized Tapered waveguide unit (Quantity – 01)	Input – WR340 with cooling unit as per the design attached (refer to drawing page 01 – 04)
	b. Straight waveguide unit (Quantity – 01)	Adjustable length required as per the design attached (refer to drawing page 05)

19/01/2023

Dr. Shail Pandey

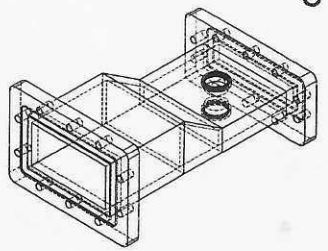
Assistant Professor, DoP

19/01/2023

Head, DoP

विभागाध्यक्ष HEAD
भौतिकी विभाग Department of Physics
सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान, सूरत
S. V. National Institute of Technology
Surat-395007.

01

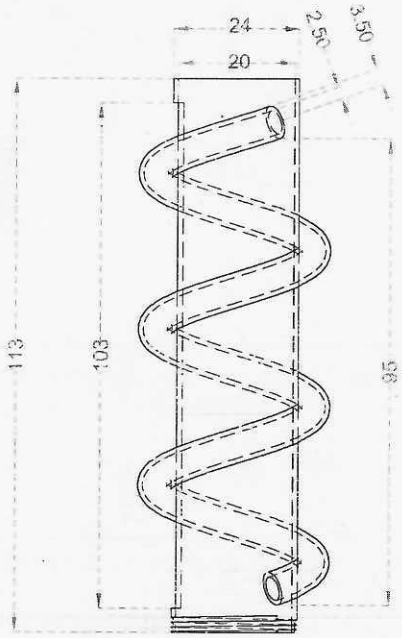


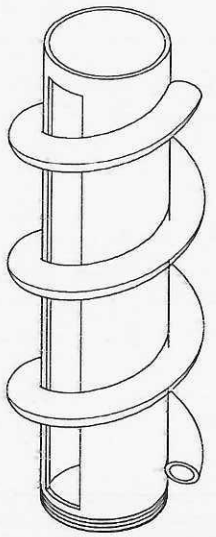
All measurements in mm.
Height of threaded protrusion at waveguide aperture = 4mm
Material – SS304

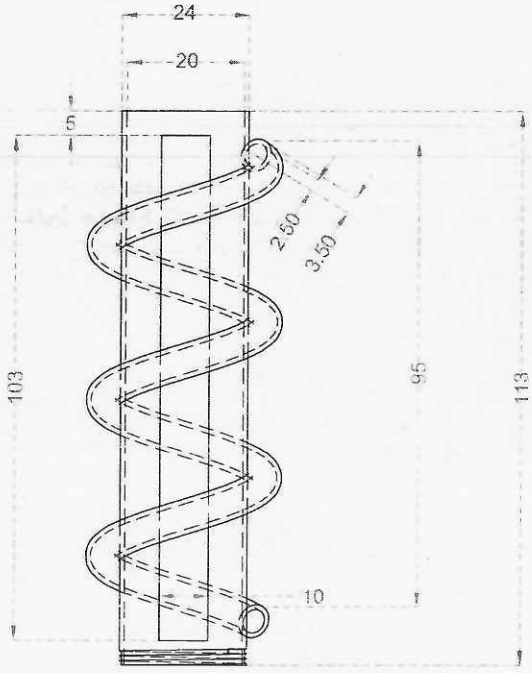
Designed by	Filename	Date	Scale
Plasma Physics Group, DoP, SVNIT	Microwave Waveguide	00/00/00	1:2
DoP, SVNIT	XXX – 00/00/00 XXX XXX		
	X	Edition A	Sheet 1/1

02

All measurements in mm.
Height of external helical thread on jacket = 4 mm
Depth of helical thread = 0.5 mm
No. of turns of external helical thread = 3

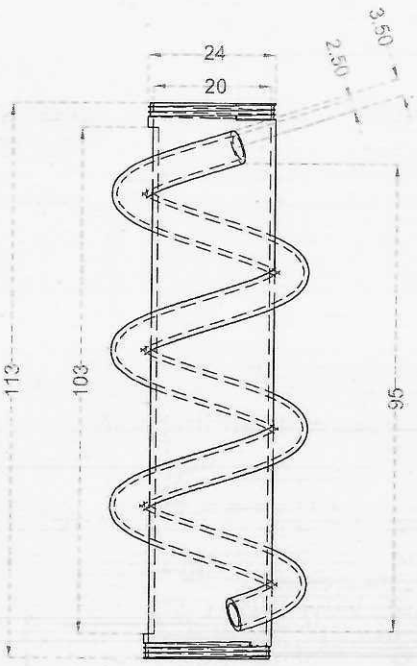




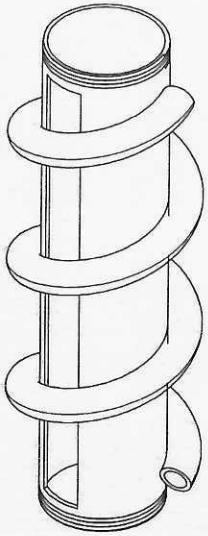


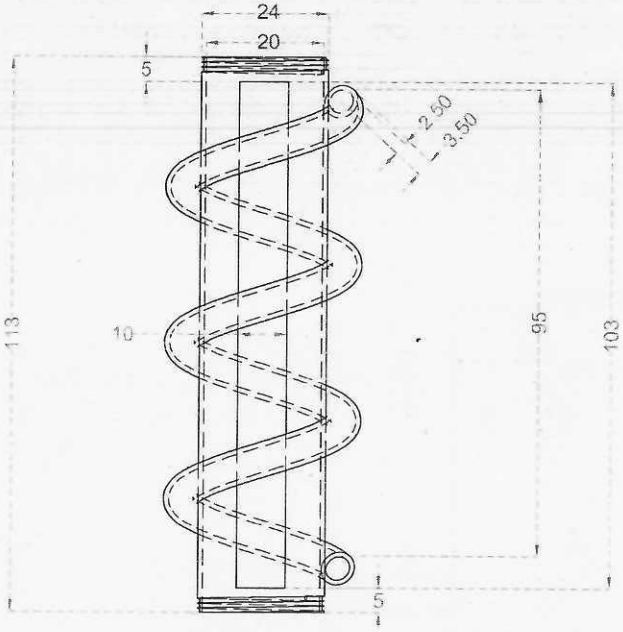
Item/ref	Quantity	Title/Name, designation, material, dimension etc.	Article No./Reference
Designed by: Plasma Physics Group, DoP, SVNIT		Filename: XXX	Date: 09/08/08 — Scale: 2:1
DoP, SVNIT		XXX	Edition: 0 — Sheet: 1/1

03



All measurements in mm.
Height of external helical thread on jacket = 4 mm
Depth of helical thread = 0.5 mm
No. of turns of external helical thread = 3

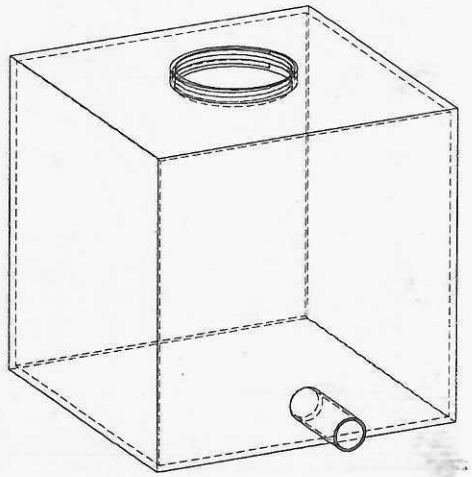


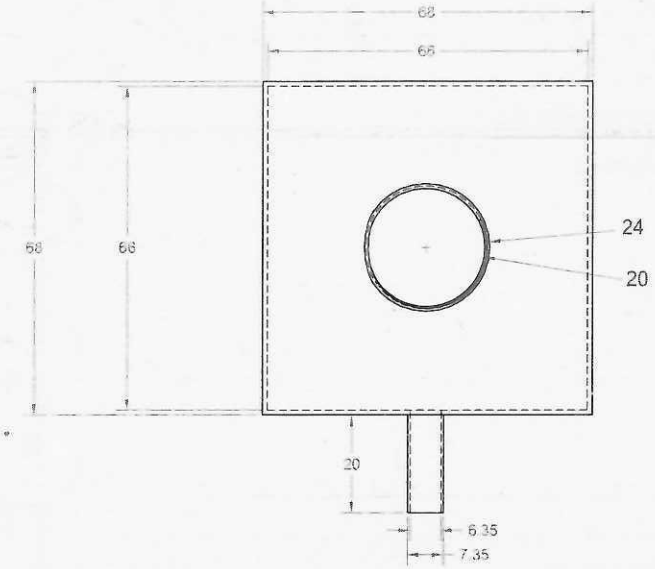


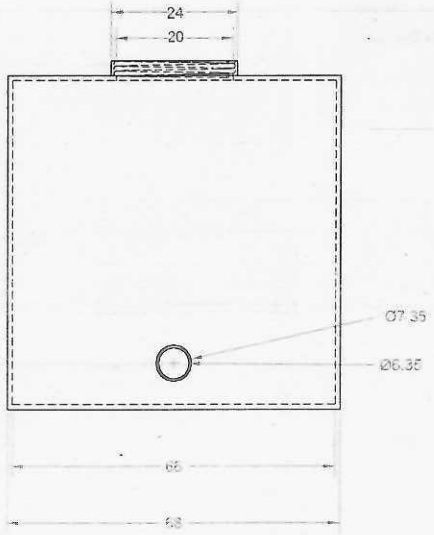
Item/ref.	Quantity	Title/Name, designation, material, dimension etc.		Article No./Reference
Designed by: Plasma Physics Group, DoP, SVNIT		Filename: XXX	Date: 00/00/00	Scale: 2:1
DoP, SVNIT		XXX		
		X	Edition: 1	Sheet: 1/1

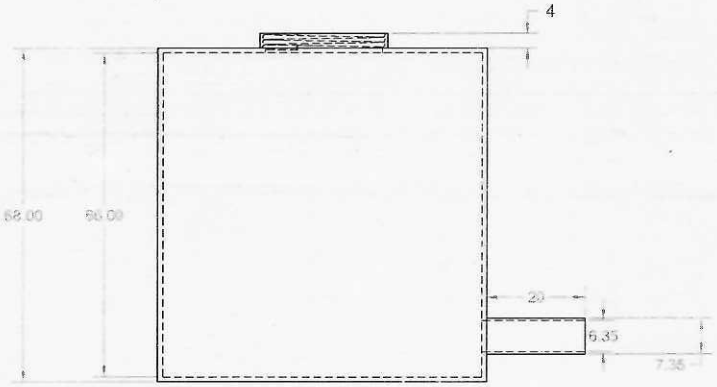
04

All measurements in mm.
Height of protrusion at the box aperture = 4 mm
Depth of helical thread = 0.5 mm
No. of internal helical threads on protrusion = 3









Item ref	Quantity	Title/Name, designation, material, dimension etc.	Article No./Reference
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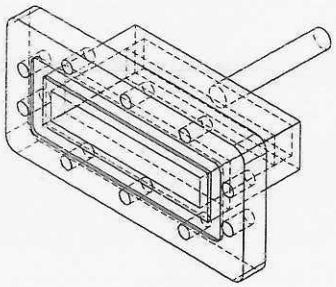
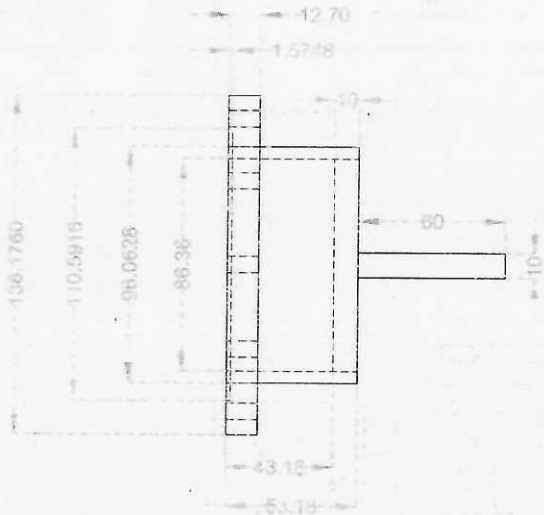
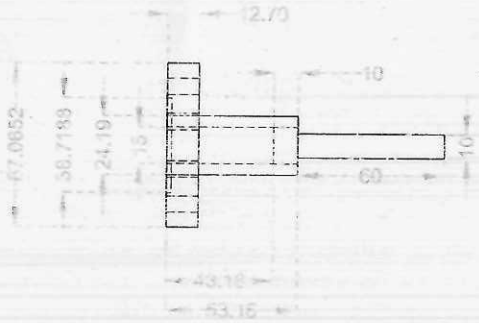
			Scale: 2:1
All measurements in mm		DoP, SVNIT	
		x	Edition: 0
			Sheet: 1/1

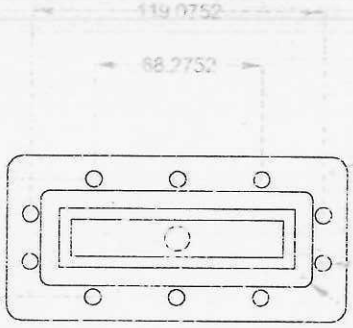
05

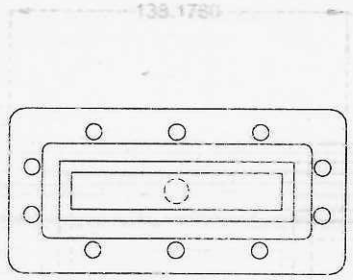
All measurements in mm.











Contact - 9936461623

Designed by: Plasma Physics Group, DoP, SVNIT	Filename: Microwave waveguide	Date: 00/00/00	Scale: 1:1
DoP, SVNIT	XXX 00/00/00	XXX	XYX
		Edition: E	Sheet: 1/1

C:\Users\Admin\Desktop\Asymmetric waveguide rns with piston - Copy - Copy - Copy.dwg, 17-01-2023 14.52.52, AutoCAD PDF (General Documentation).pc3

Contact No. 9936461623