

## OVERSEAS DISTRIBUTORS

### U.S.A.

RISHI Pharmacy  
4909-W. Divisen,  
Chicago IL, 60651, U.S.A.  
Tel.: (773)287-1200  
Fax : (773) 287 3594  
e-mail : rishix@netscape.net

### U.K.

ANAND Pen centre  
229, Green street, Ferest Gate,  
East London, E 78LL U.K.  
Tel.: + +44-208-4716387  
Fax : + +44-208-4720199

### GERMANY

JSK Naneball GmbH  
Amzhauchen 36,  
42929 Wermelskirchen,  
GERMANY  
Tel.: +49-2193-50080  
Fax : +49-2193-50082  
e-mail : jschulle@nanoball.com

### DUBAI

ORBIT General Trading (L.L.C.)  
P.O. Box No.: 6132,  
Ajman, U.A.E.  
Tel.: +971 6 5344497  
Fax : +971 6 5344498  
e-mail : uaeorbit@emirates.net.ae

### CHINA

Tolia Overseas,  
B-1508, Technology Plaza,  
Minzheng street,  
116021, Dalian, CHINA.  
Tel.: +86 - 4114518 - 466 / 467  
Fax : +86 - 4114519 - 367  
e-mail : cindywang@tolia.com

### THAILAND

OFFICE PRODUCT CONSULTANT PVT. LTD.  
P.O. Box No.: 28, chomtian,  
Chounpuri - 20261, THAILEND.  
Tel.: +66-38-233107  
Fax : opco@ptty.laxinfo.co.th



S.S. "BALLS" For Pen

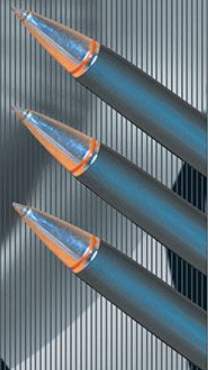
# PILOT

Mfg.:

**ZEALOT BALL INDUSTRIES PVT. LTD.**

The World's Largest manufacturer of  
High Precision S.S. "Balls" For Pen

86, G.I.D.C. Area, Sanaja Road,  
Morbi-363641, Gujarat-INDIA.  
Tel.: + +91-2822-221898, 221798  
Fax : + +91-2822-230094  
e-mail : zealot1@sify.com  
zealot@winetonline.net







S.S. "BALLS" For Pen

World's Largest Manufacturer Of High Precision S.S. "BALLS" For Pen



Production Control :

Largest Ever Production Line  
Equipped With 151 High  
Accuracy Ball Shorting Machines  
In 1st, 2nd And Final Stage Of  
Production.



S.S. "BALLS" For Pen

World's Largest Manufacturer Of High Precision S.S. "BALLS" For Pen

: Quality Control :

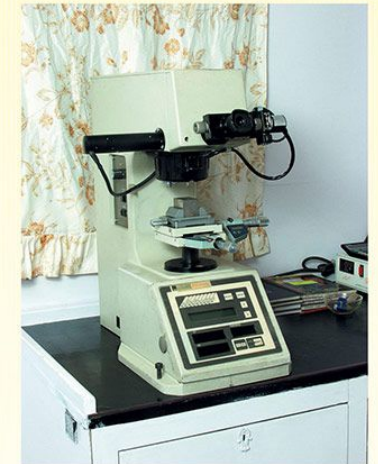
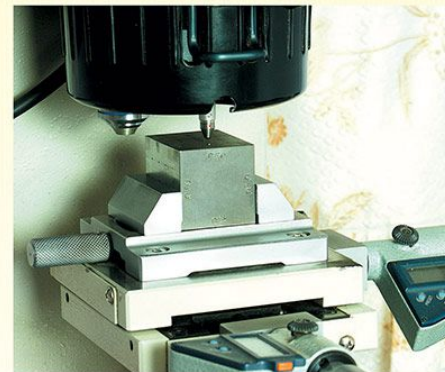


Material Testing Laboratory :

Designed Especially For The Inspection Of Raw Material For Their Micro Structure And Cracks.

Quality Testing :

Micro Hardness Testing Machines To Confirm Technical  
Commitments.







S.S. "BALLS" For Pen

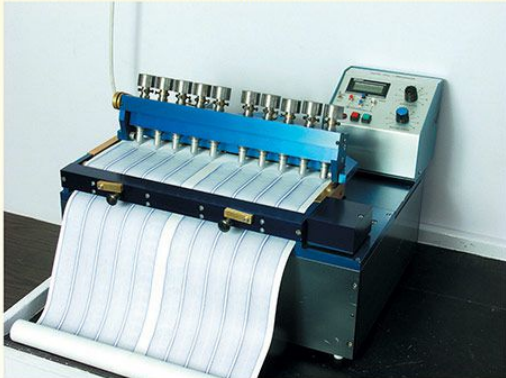
World's Largest Manufacturer Of High Precision S.S. "BALLS" For Pen



Inspection : Inspection Department For 100% Visual Microscopic Inspection.

Writing Testing :

Writing Testing Machine For Actual Performance Testing Of The Ball.



Size Control :

Size Control And Variation Test Indicator Micro Cator .



S.S. "BALLS" For Pen

■ **PRODUCTION AND QUALITY PROGRAM** ■

- Production Control
- Material Testing
- Quality Control
- Material Analysis
- Technical Specification
- Overseas Network





S.S. "BALLS" For Pen

World's Largest Manufacturer Of High Precision S.S. "BALLS" For Pen



SINCE 1983, STAINLESS STEEL BALLS FOR PEN ARE BEING MANUFACTURED BY THE ZEALOT INDUSTRIES. SPECIALITY IN THE MANUFACTURING OF MINIATURE S.S. BALLS FOR PEN, ZEALOT GROUP HAS DEVELOPED AN INTERNATIONAL RECOGNITION AND REPUTATION AS WELL. ZEALOT GROUP IS THE ONLY LEADING MANUFACTURER OF STAINLESS STEEL PEN BALLS IN THE WORLD AND HAVING WORLD WIDE EXPORT NET WORK. ZEALOT GROUP EXPORTS THE BALLS TO U.S.A., U.K., GERMANY, FRANCE, SWITZERLAND, U.A.E., BELGIUM, KOREA, JAPAN, CHINA, ITALY, THAILAND, BANGKOK ETC. WE HAVE NEVER COMPROMISED IN QUALITY OR SERVICES SINCE SUCH A LONG PERIOD.



"FOR A BALLPEN, BALL IS THE HEART. IF IT IS THE MATTER OF HEART, THERE MUST NOT BE ANY COMPROMISE."

- D.C. Patel  
(Managing Director)



S.S. "BALLS" For Pen

World's Largest Manufacturer Of High Precision S.S. "BALLS" For Pen

Material Analysis

Table with 2 columns: Material (1.4028 x 30 CR 13), Analysis (C, Si, Mn, Cr), Tensile Strength (65 Kp/mm²), Specific Weight (7.75 g/cm³)

Table with 2 columns: Material (1.4125 x 105 CR mo17), Analysis (C, Si, Mn, P, S, Cr, Mo), Tensile Strength (75 Kp/mm²), Specific Weight (7.75 g/cm³)

Technical Specification

Table with 2 columns: Material (AISI 420), Size Range (0.5 mm to 1.2 mm), Roundness (0.0002 mm Max.), Variation (± 0.001 mm Max.), Surface (0.000025 mm Max.), Hardness (700 HV Min.), U.S.A. Standard Grade (AFBMA -16)

Table with 2 columns: Material (AISI 440 C), Size Range (0.8 mm to 1.5 mm), Roundness (0.00014 mm Max.), Variation (± 0.0005 mm Max.), Surface (0.00002 mm Max.), Hardness (750 HV Min.), U.S.A. Standard Grade (AFBMA -10)

Note: The Information contain in this catalogue are as accurate as possible, but can not be considered as legally binding. The company reserves the right to make any modifications that become necessary due to the requirements for production.