



MICRON

NEWSLETTER FROM SOLITAIRE MACHINE TOOLS LIMITED

JAN - MAR 2002



Dear Friends,

In the year 1987 we conceived setting up of Centerless Grinding Machine manufacture in India with technical collaboration and exclusive license from Cincinnati Milacron Inc. of U.S.A. with understanding that our entire production for first 7 years will be exported back to U.S.A.

This gave us the confidence to manufacture Centerless Grinding Machines equal to the best in the world.

Today, with over 400 machines working world over in various major auto ancillary, bearings, cutting tools, steel, etc. industries, Solitaire has been recognised as quality manufacturer with timely deliveries and competitive pricing due to the substantial production capacity and is the first of most of the established industries in the above fields.

I am pleased to introduce this newsletter to show the various application for which Solitaire machines have been recognised as leaders.

This issue shows the application of Solitaire machines for the manufacture of Engine Valves. Over 25 machines are in operation with leading Engine Valve manufacturers in the country and abroad.

In the following issues we will similarly show the application for various other industries.

We shall appreciate any suggestions which you may have on the subject.

With warm regards,

P.J. SHETH.



Office: 107, Arun Chambers, Tardeo Road, Mumbai - 400 034. Tel.: 022 - 494 3012/ 0363 Fax: 022 - 494 6853. E-mail: smtl@vsnl.com

Precision to the last micron



Durovalves India Pvt. Ltd.

F-57-58, M.I.D.C. INDUSTRIAL AREA, WALLUJ, DIST. AURANGABAD - 431136, PHONE: 564161, 555293, FAX: (0240) 555956
E. Mail Address: durovalv@bom4.vsnl.net.in.

January 16, 2002

Mr. Ashok J. Sheth,
Solitaire Machine Tools Limited,
292, Dharamsinh Desai Marg,
Chhani Road,
BARODA 390 002

Dear Mr. Sheth,

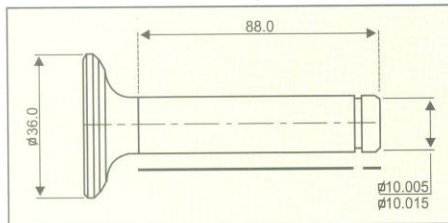
We have been working with you for past four years for our Centreless Grinders requirements for the manufacturer of Engine Valves. The grinders have performed well over the years requiring little maintenance. They have truly worked like Cincinnati Centreless Grinders in terms of rigidity, accuracy and reliability. We are also satisfied with the timely service and easy availability of spares from your end.

We are really happy that the Centreless Grinder sold by you to our collaborators in Europe, on our recommendation, has met their stringent standards. They were also appreciative of service provided in commissioning of the grinder. This would certainly add to the prestige of Indian Machine Tools Industry.

With Best Regards,

M.R. Venkatraman
M.R. Venkatraman
Sr. General Manager-Operations

COMPONENT	ENGINE VALVE	
# MACHINE	- SOLITAIRE NO. 2-8"	
# MODE OF GRINDING	- INFEEED	
# OPERATION	- STEM DIA. GRINDING	
# PNEUMATIC INFEEED ATTACHMENT		
# CYCLE TIME	- 3 Sec	
# GRINDING WHEEL GRADE	- A60 N6 VCN	
TOLERANCES	ALLOWED DIMENSIONS	ACHIEVED DIMENSIONS
OUTER DIA.	10.005 -10.015 m.m.	10.008-10.012 m.m.
▣ PARALLELISM	0.001 m.m.	0.001 m.m.
⊙ ROUNDNESS	0.001 m.m.	0.001 m.m.
Cp/ CpK	1.67/1.33	3.98/2.55
SURFACE FINISH	Ra 0.12 - 0.30	Ra 0.15 - 0.20



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