



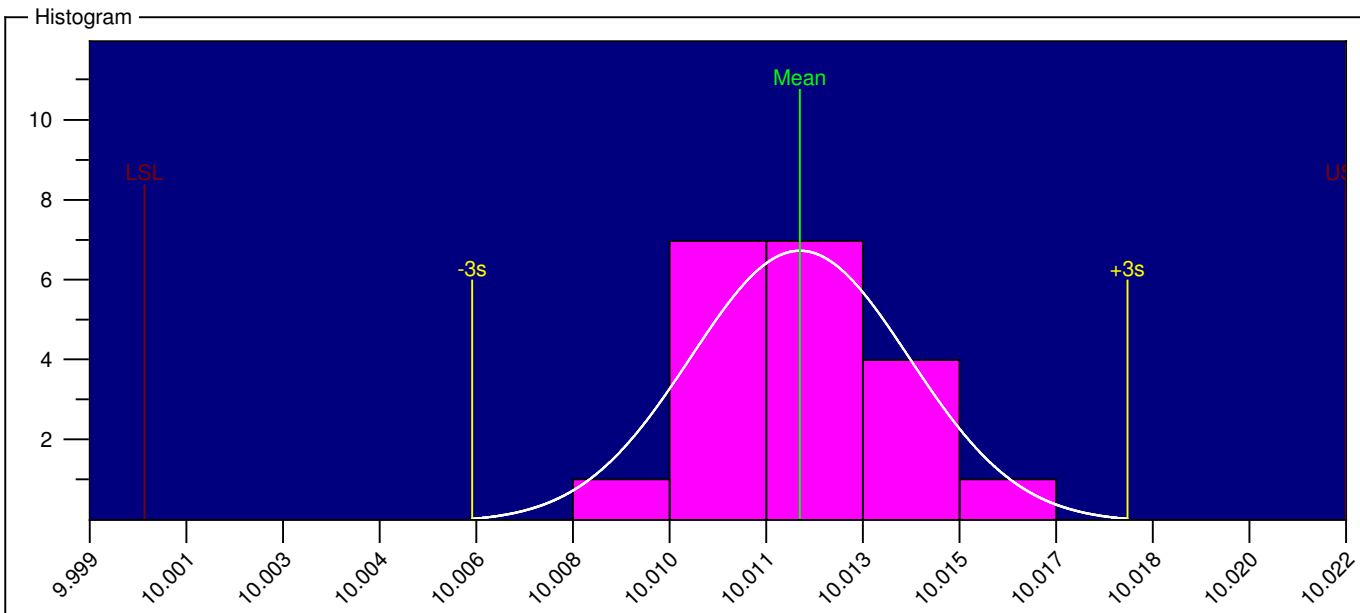
IM Gears Pvt. Ltd.

Chart: BORE DIA	Part: PO81309	Computer: TVS_P3		
Chart Type: X/MR	Data Code: 1 = 1, 0 = 0	USL: 10.022	Customer: TVS	Sequence Number:
Special Tolerance: 10.000/10.022	Moving Range: 2	LSL: 10.000	Machine: TC200	

Data Selection <Filtered>	
Filter:	Include Subgroups Last 20
Subgroup Range:	421 - 440
Date/Time Range:	8/20/2003 10:02:56 AM - 8/20/2003 11:47:22 AM

Statistics			
Subgroups: 20	Cpk (3s): 1.63	LCLr (Calc): 0.000	
Mean: 10.012	PCR: 54	UCLx (Act): 10.022	
Range: 0.002	UCLx (Calc): 10.018	LCLx (Act): 10.000	
Std Dev: 0.00199	LCLx (Calc): 10.006	UCLr (Act): 0.022	
Cp (3s): 1.84	UCLr (Calc): 0.007	LCLr (Act): 0.000	

Subgroup	428	429	430	431	432	433	434	435	436	437	438	439	440
Date	8/20/2003	8/20/2003	8/20/2003	8/20/2003	8/20/2003	8/20/2003	8/20/2003	8/20/2003	8/20/2003	8/20/2003	8/20/2003	8/20/2003	8/20/2003
Time	10:43:15 AM	10:50:11 AM	10:55:02 AM	11:05:07 AM	11:09:34 AM	11:12:20 AM	11:17:15 AM	11:21:59 AM	11:27:43 AM	11:33:55 AM	11:36:49 AM	11:43:07 AM	11:47:22 AM
S1	10.011	10.013	10.012	10.015	10.017	10.013	10.012	10.010	10.008	10.012	10.014	10.011	10.011
Operator	Supervisor	Supervisor	Supervisor	Supervisor	Supervisor	Supervisor	Supervisor	Supervisor	Supervisor	Supervisor	Supervisor	Supervisor	Supervisor
Inspector													
Error Code													
Status													
User Keys													
Mean	10.011	10.013	10.012	10.015	10.017	10.013	10.012	10.010	10.008	10.012	10.014	10.011	10.011
Range	0.003	0.002	0.001	0.003	0.002	0.004	0.001	0.002	0.002	0.004	0.002	0.003	0.000



Histogram Statistics			
Cells:	5	% In Spec (est): 100.00	
Samples:	20	% Below Spec (est): 0.00	
Lgst. Cell Pop. (act):	7	% Above Spec (act): 0.00	
Lgst. Cell Pop. (est):	7	% In Spec (act): 100.00	
Mean:	10.012	% Below Spec (act): 0.00	
Sigma:	0.00202	Maximum:	10.017
Pp (3s):	1.81	Minimum:	10.008
Ppk (3s):	1.61	Mean+3s:	10.018
PPR:	55	Mean-3s:	10.006
Skewness:	0.2373	ChiSq (est):	5.99
Kurtosis:	0.2602	ChiSq (act):	1.30
Interval:	0.002	Confidence:	97.5
% Above Spec (est):	0.00	Deg. Freedom:	2
		NORMAL	