

# GMB bulletin

## THAI Production Driven by JAPAN's Quality Engineering

Did you know that **THAI GMB INDUSTRY CO., LTD.**, acquired ISO/TS16949 for production of water pump body on January 14 2005, was also awarded ISO 9001: 2000 in the scope of manufacturing of Suspension Steering Parts including Ball Joint, Side Rod, Tie Rod End, Rack End on 29 March, 2006.

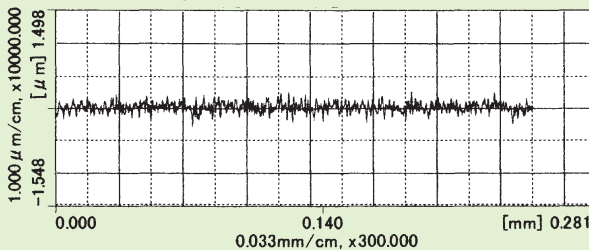


Under this world standardized quality control system, **THAI GMB INDUSTRY CO., LTD.** provides our High Quality Suspension Parts with competitive prices.

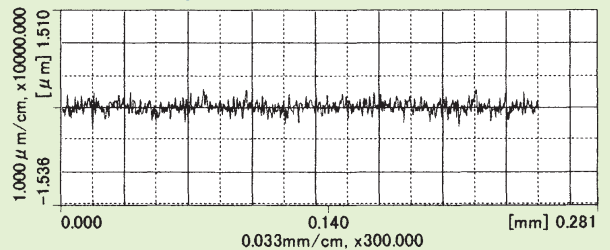
In this issue, we would like to introduce an example.

“Surface Roughness of Ball Stud”, one of the most critical specifications, has a major effect on the working life of suspension parts. Following chart shows comparison of “Surface Roughness of Ball Stud” for GMB and a product of Japanese manufacturer.

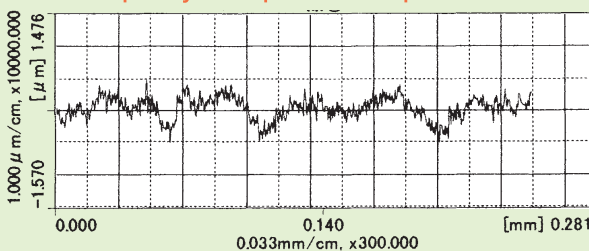
**Chart ① GMB Ball Joint**  
(Ra 0.063µm Ry 0.537µm Rz 0.471µm)



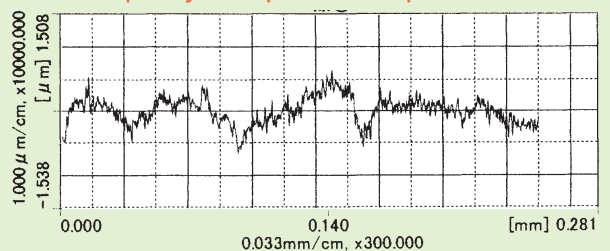
**Chart ③: GMB Tie Rod End**  
(Ra 0.070µm Ry 0.582µm Rz 0.524µm)



**Chart ②: Other Japanese Ball Joint**  
(Ra 0.136µm Ry 0.982µm Rz 0.811µm)



**Chart ④: Other Japanese Tie Rod End**  
(Ra 0.168µm Ry 1.282µm Rz 0.988µm)



Above chart shows how Thai GMB production is 50 - 100% better than that of other Japanese products. Now, for you businessmen looking for a competitive edge, would you not prefer our “Thai production driven by Japan's Engineering / Quality” ?

# AVAILABLE NOW!

## WATER PUMP

### NISSAN

WATER PUMP	TENSIONER & IDLER BEARING	CAR NAME	ENGINE MODEL	MODEL	YEAR		
<b>GWN-76A</b> 21010-AD225 21010-AD226		AD	YD22DD 2200	JVNU30	99.11-01.08		
		EXPERT	YD25DT 2500	JVU30	99.11-01.08		
		SUNNY		SB15	99.09-02.05		
		SERENA		VC24	99.06-01.12		
		BASSARA		VENW11	99.06-		
		PRESAGE		VENY11	99.06-03.08		
				VEW11	99.06-		
				VEY11	99.06-03.08		
				VNC24	99.06-01.12		
				VNU30	98.06-01.08		
				VU30	98.06-01.08		
		<b>GWN-79A</b> 21010-52F01		180SX	SR20D 2000	KBC23	91.06-99.06
				SILVIA	SR20DE 2000	KBCC23	91.06-99.06
SERENA	SR20DT 2000			KBNC23	91.06-99.06		
				KPS13	91.01-93.10		
				KRPS13	91.01-99.01		
				PS13	91.01-93.10		
				RPS13	91.01-99.01		

### SUZUKI

WATER PUMP	TENSIONER & IDLER BEARING	CAR NAME	ENGINE MODEL	MODEL	YEAR
<b>GWS-35A</b> (17400-84822 17400-84820 17400-84821 W/HOUSING NO.)		Kei	K6A 660	HE21S	03.09-04.10
		WAGON R		HN22S	03.04-05.01
		ALTO LAPIN		MC22S	02.09-03.09
		MR WAGON		MF21S	04.02-
<b>GWS-36A</b> (17400-77810 17400-77811 17400-77812 W/HOUSING NO.)		ESCUDO	J18A 1800	GC41W	96.02-02.07
		CULTUS	J20A 2000	TA51W	96.10-97.10
		CULTUS CRESCENT		TA52W	97.11-02.11
				TD51W	96.10-97.10
				TD52W	97.11-00.04

### TOYOTA

WATER PUMP	TENSIONER & IDLER BEARING	CAR NAME	ENGINE MODEL	MODEL	YEAR
<b>GWT-133A</b> 16100-29415		MR-S	1ZZFE 1800	ZCA25W/26W	00.05-04.02
		RAV4		ZCT10/15	00.04-04.02
		WILL		ZNE10G/14G	03.01-04.02
		ALLION		ZZE122/122G	00.08-
		ALLEX		ZZE122N	01.05-04.02
		WISH		ZZE124/124G	00.08-04.04
		VOLTZ		ZZE124N	01.08-04.02
		OPA		ZZE127/129	01.04-04.04
		CALDINA		ZZE138	02.05-04.02
		COROLLA		ZZT230	99.08-
		COROLLA SPACIO		ZZT240/245	01.12-04.02
		CELICA		ZZT241W	02.09-04.04
		VISTA		ZZV50/50G	98.06-03.07
		PREMIO		ZZW30	99.10-