Production and Sales of Machine tool Accessory
on January – June,2018

(Value in Thousands of Yen)

Items		Production		Comparison (%) to the year earlier	Sales		Comparison (%) to the year earlier
		Quantity	Value		Quantity	Value	
Elements	Clutchs & Brakes	22,388,848	12,282,069	121	22,648,528	12,269,348	116
	Ball Screws	812,148	19,833,556	123	846,377	21,421,108	122
	Liner motion guides	4,685,532	33,797,283	125	4,840,586	34,972,794	118
	Spindles	1,601	647,612	129	1,734	702,576	129
	Coupling	1,546,068	4,148,509	120	1,476,089	3,747,010	119
	Other	5,677	51,821	93	5,780	52,412	94
	Subtotal	29,439,874	70,760,850	123	29,819,094	73,165,248	119
Work Holding Devices	Hand Operated	6,738	738,647	100	6,888	786,500	103
	Power Operated	59,348	4,837,042	117	59,207	4,709,170	117
	Special Design Chucks	904	244,197	113	1,057	461,997	134
	Actuators for Power Operated	15,194	1,973,491	133	14,519	1,527,949	119
	Live Centers	9,444	262,879	115	9,365	334,890	115
	Other Work Holding	25,557	1,242,009	115	24,488	1,185,567	111
	Subtotal	117,185	9,298,265	118	115,524	9,006,073	116
Tool Holders	General purpose Tool Holders	125,346	700,391	109	132,252	697,789	107
	Tool Holders for NC machine tools	824,358	7,290,103	125	847,884	7,147,471	113
	Tool Holders for lathers	8,067	179,417	147	7,910	166,288	154
	Tool Holders for special	9,171	102,909	113	11,399	121,626	127
	Other Tool Holders	64,163	794,465	115	59,654	766,071	112
	Subtotal	1,031,105	9,067,285	123	1,059,099	8,899,245	113
Attachments and Accessories	Attachments for indexing	10,788	10,938,890	115	10,565	10,247,475	117
	Machine Vice	7,711	901,806	127	6,724	1,032,697	108
	Other Attached	135,639	1,755,058	112	136,734	1,792,965	111
	Other Accessories	379,213	7,005,754	118	350,116	8,010,780	113
	Subtotal	533,351	20,601,508	116	504,139	21,083,917	115
T o t a l		31,121,515	109,727,908	122	31,497,856	112,154,483	117

Although considered as the factory-shipments price about the amount of production,and the amount of shipment, it will change into the amount of production,and the amount of sales from January, 2004, and both producer-sellingprices or contract prices will estimate, and it will enter.