Production and Sales of Machine tool Accessory
on July – September,2015

(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	10,793,510	4,625,292	100	10,862,447	4,902,059	100
	Ball Screws	278,986	7,754,631	102	290,522	8,377,242	102
	Liner motion guides	1,669,436	12,377,534	97	1,610,640	12,529,544	94
	Spindles	773	291,142	101	833	316,927	102
	Coupling	523,064	1,432,831	101	502,434	1,298,131	98
	Other	4,089	29,155	132	3,725	28,502	112
	Subtotal	13,269,858	26,510,585	99	13,270,601	27,452,405	97
Work Holding Devices	Hand Operated	3,765	394,332	109	3,410	397,448	106
	Power Operated	26,486	2,291,092	97	25,369	2,145,227	100
	Special Design Chucks	403	121,055	141	454	186,543	107
	Actuators for Power Operated	5,973	598,397	94	5,995	645,408	94
	Live Centers	3,258	99,025	112	3,594	137,357	99
	Other Work Holding	9,379	630,097	125	8,868	575,699	115
	Subtotal	49,264	4,133,998	102	47,690	4,087,682	102
Tool Holders	General purpose Tool Holders	57,776	340,084	99	55,947	321,617	103
	Tool Holders for NC machine tools	410,190	3,660,863	108	408,372	3,498,362	106
	Tool Holders for lathers	2,824	59,463	118	2,688	58,960	115
	Tool Holders for special	7,117	71,674	125	8,119	79,631	123
	Other Tool Holders	40,398	417,461	147	34,043	382,898	135
	Subtotal	518,305	4,549,545	111	509,169	4,341,468	108
Attachments and Accessories	Attachments for indexing	5,567	4,770,794	97	5,007	4,539,528	80
	Machine Vice	2,869	407,349	141	2,654	430,742	114
	Other Attached	50,379	688,740	119	49,372	669,676	115
	Other Accessories	124,248	2,800,787	105	142,434	3,308,849	106
	Subtotal	183,063	8,667,670	103	199,467	8,948,795	92
Total		14,020,490	43,861,798	101	14,026,927	44,830,350	98

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.