

Production and Sales of Machine tool Accessory on October – December,2016

(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	11,150,424	4,660,119	106	11,188,224	4,861,981	107
	Ball Screws	289,584	7,001,720	100	303,537	7,599,526	101
	Liner motion guides	1,756,531	12,438,875	111	1,768,970	13,128,262	116
	Spindles	584	270,139	94	631	291,679	95
	Coupling	631,651	1,664,682	129	599,110	1,487,354	124
	Other	2,225	18,955	57	2,644	21,024	64
	Subtotal	13,830,999	26,054,490	107	13,863,116	27,389,826	110
Work Holding	Hand Operated	3,321	443,855	100	3,538	450,596	111
Devices	Power Operated	25,249	1,881,121	93	26,264	1,843,473	85
	Special Design Chucks	249	99,112	75	316	187,758	93
	Actuators for Power Operated	6,282	720,612	102	6,507	601,984	99
	Live Centers	2,726	87,790	64	3,152	136,862	91
	Other Work Holding	11,345	572,157	91	11,000	541,282	93
	Subtotal	49,172	3,804,647	94	50,777	3,761,955	92
Tool Holders	General purpose Tool Holders	53,883	310,028	90	58,036	315,428	98
	Tool Holders for NC machine tools	327,899	2,839,740	76	360,263	3,084,186	98
	Tool Holders for lathers	2,768	62,645	90	2,531	54,337	90
	Tool Holders for special	5,750	62,084	128	6,763	69,706	123
	Other Tool Holders	27,962	325,060	75	30,599	339,368	95
	Subtotal	418,262	3,599,557	78	458,192	3,863,025	98
Attachments and Accessories	Attachments for indexing	4,304	4,108,951	100	4,703	4,469,954	105
	Machine Vice	3,176	372,751	76	3,153	448,449	91
	Other Attached	107,099	733,683	75	107,628	737,480	97
	Other Accessories	152,526	2,797,158	95	134,298	3,213,117	87
	Subtotal	267,105	8,012,543	94	249,782	8,869,000	96
T o t a l		14,565,538	41,471,237	100	14,621,867	43,883,806	104

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–selling prices or contract prices will estimate, and it will enter.