

## Production and Sales of Machine tool Accessory on November,2017

(Value in Thousands of Yen)

Items		Production		Comparison (%) to the year earlier	Sales		Comparison (%) to the year earlier
		Quantity	Value		Quantity	Value	
Elements	Clutches & Brakes	3,725,731	1,901,066	118	3,740,537	1,976,336	119
	Ball Screws	155,506	3,193,673	133	162,213	3,470,719	133
	Liner motion guides	759,062	5,520,477	128	723,160	5,538,479	126
	Spindles	186	99,297	106	200	108,656	107
	Coupling	248,077	648,939	119	240,372	596,218	123
	Other	996	9,163	122	1,103	9,984	139
	Subtotal	4,889,558	11,372,615	127	4,867,585	11,700,392	126
Work Holding	Hand Operated	989	142,130	94	1,094	142,080	95
Devices	Power Operated	9,398	744,439	119	9,748	747,874	119
	Special Design Chucks	110	35,889	89	139	57,556	63
	Actuators for Power Operated	2,219	270,056	130	2,625	269,568	133
	Live Centers	1,492	48,161	173	1,277	53,643	113
	Other Work Holding	3,547	222,277	109	3,922	225,858	112
	Subtotal	17,755	1,462,952	116	18,805	1,496,579	113
Tool Holders	General purpose Tool Holders	24,443	125,443	131	22,281	120,301	119
	Tool Holders for NC machine tools	129,285	1,138,345	117	146,631	1,217,433	114
	Tool Holders for lathers	1,013	23,961	137	1,003	19,969	104
	Tool Holders for special	1,858	18,521	76	2,161	21,437	79
	Other Tool Holders	10,472	133,886	118	9,657	130,070	109
	Subtotal	167,071	1,440,156	118	181,733	1,509,210	113
Attachments and Accessories	Attachments for indexing	1,786	1,928,412	137	1,874	1,854,882	123
	Machine Vice	1,090	120,356	94	1,149	172,605	101
	Other Attached	17,724	297,442	123	17,001	274,389	113
	Other Accessories	53,831	1,099,766	114	54,721	1,365,641	123
	Subtotal	74,431	3,445,976	125	74,745	3,667,517	121
T o t a l		5,148,815	17,721,699	125	5,142,868	18,373,698	123

Although considered as the factory-shippments 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-sellingsprices or contract prices will estimate, and it will enter.