

Production and Sales of Machine tool Accessory on January – December,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	45,469,614	21,264,309	121	44,791,996	22,379,538	122
	Ball Screws	1,471,731	34,181,875	125	1,540,549	37,117,410	126
	Liner motion guides	7,793,290	57,670,752	120	8,289,728	61,612,423	122
	Spindles	2,486	1,128,626	102	2,678	1,224,792	103
	Coupling	2,830,038	7,270,180	119	2,726,481	6,672,918	121
	Other	11,584	105,375	121	11,906	107,665	120
	Subtotal	57,578,743	121,621,117	121	57,363,338	129,114,746	123
Work Holding	Hand Operated	12,335	1,476,956	104	13,020	1,545,655	96
Devices	Power Operated	107,912	8,641,986	113	107,406	8,437,038	111
	Special Design Chucks	1,322	449,542	129	1,557	703,931	113
	Actuators for Power Operated	26,172	3,183,378	132	27,177	2,751,907	125
	Live Centers	14,354	470,442	108	14,487	599,378	113
	Other Work Holding	47,541	2,386,882	104	44,285	2,309,293	108
	Subtotal	209,636	16,609,186	114	207,932	16,347,202	111
Tool Holders	General purpose Tool Holders	241,355	1,332,500	102	251,012	1,345,510	110
	Tool Holders for NC machine tools	1,425,854	12,751,428	102	1,597,768	13,313,533	109
	Tool Holders for lathers	12,360	270,976	107	12,194	253,591	106
	Tool Holders for special	18,569	192,038	99	21,582	206,591	93
	Other Tool Holders	119,984	1,464,692	103	118,254	1,445,098	107
	Subtotal	1,818,122	16,011,634	102	2,000,810	16,564,323	109
Attachments and Accessories	Attachments for indexing	19,643	20,286,797	110	19,820	18,950,403	102
	Machine Vice	13,285	1,503,807	98	12,880	1,952,204	109
	Other Attached	366,579	3,206,737	114	358,833	3,127,745	114
	Other Accessories	592,767	12,611,286	114	587,100	14,791,594	116
	Subtotal	992,274	37,608,627	111	978,633	38,821,946	108
T o t a l		60,598,775	191,850,564	117	60,550,713	200,848,217	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–selling prices or contract prices will estimate, and it will enter.