

Production and Sales of Machine tool Accessory on July – 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	Clutches & Brakes	22,115,322	9,150,736	101	22,239,807	9,568,697	101
	Ball Screws	560,997	13,902,474	94	586,092	15,041,804	94
	Liner motion guides	3,493,190	24,993,139	106	3,454,542	26,115,559	109
	Spindles	1,234	538,824	93	1,341	582,270	93
	Coupling	1,309,346	3,243,686	119	1,244,510	2,882,444	116
	Other	4,209	34,600	56	4,871	38,381	62
	Subtotal	27,484,298	51,863,459	102	27,531,163	54,229,155	103
Work Holding	Hand Operated	6,313	764,289	91	6,923	837,678	104
Devices	Power Operated	50,804	3,808,345	88	51,442	3,686,577	86
	Special Design Chucks	491	164,954	65	623	337,176	87
	Actuators for Power Operated	11,274	1,222,614	94	11,938	1,148,104	91
	Live Centers	6,286	199,518	85	6,161	259,411	90
	Other Work Holding	20,765	1,203,893	96	19,837	1,116,533	97
	Subtotal	95,933	7,363,613	90	96,924	7,385,479	90
Tool Holders	General purpose Tool Holders	112,556	637,669	93	111,856	613,417	95
	Tool Holders for NC machine tools	628,332	5,612,427	76	702,335	5,907,090	89
	Tool Holders for lathers	4,978	115,937	90	5,001	108,573	91
	Tool Holders for special	9,932	108,158	90	11,890	123,191	90
	Other Tool Holders	55,245	637,694	75	56,405	644,063	87
	Subtotal	811,043	7,111,885	78	887,487	7,396,334	89
Attachments and Accessories	Attachments for indexing	8,148	8,217,949	93	8,854	8,964,758	102
	Machine Vice	6,093	716,639	80	6,115	871,615	94
	Other Attached	148,314	1,419,587	85	147,870	1,404,384	98
	Other Accessories	300,501	5,497,877	96	253,866	6,316,200	90
	Subtotal	463,056	15,852,052	92	416,705	17,556,957	97
T o t a l		28,854,330	82,191,009	96	28,932,279	86,567,925	99

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.