

## Production and Sales of Machine tool Accessory on January – December,2015

(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	41,417,730	18,640,789	101	41,991,188	19,429,554	102
	Ball Screws	1,097,470	30,810,507	105	1,150,696	33,347,721	105
	Liner motion guides	6,747,707	49,955,590	103	6,490,156	51,118,904	101
	Spindles	3,136	1,111,868	101	3,379	1,201,577	101
	Coupling	2,305,310	5,667,150	98	2,275,450	5,325,114	99
	Other	16,277	130,073	142	16,636	131,575	132
	Subtotal	51,587,630	106,315,977	103	51,927,505	110,554,445	102
Work Holding	Hand Operated	14,490	1,676,621	116	13,912	1,645,265	109
Devices	Power Operated	103,891	8,981,777	102	101,551	8,668,508	105
	Special Design Chucks	1,460	449,461	147	1,578	729,782	113
	Actuators for Power Operated	27,670	3,078,518	127	25,656	2,788,988	105
	Live Centers	14,571	462,693	106	14,873	572,992	103
	Other Work Holding	39,240	2,347,268	110	37,901	2,228,260	114
	Subtotal	201,322	16,996,338	109	195,471	16,633,795	107
Tool Holders	General purpose Tool Holders	412,198	1,323,999	101	410,381	1,301,909	103
	Tool Holders for NC machine tools	1,656,777	15,102,051	120	1,646,111	14,299,214	112
	Tool Holders for lathers	10,959	244,101	49	11,043	227,503	39
	Tool Holders for special	21,815	221,308	106	26,625	258,926	107
	Other Tool Holders	165,322	1,650,217	139	142,441	1,528,955	127
	Subtotal	2,267,071	18,541,676	117	2,236,601	17,616,507	110
Attachments and Accessories	Attachments for indexing	23,857	20,367,769	113	21,822	18,754,714	98
	Machine Vice	11,573	1,592,803	141	11,374	1,849,113	125
	Other Attached	227,670	3,000,049	122	223,087	2,744,668	114
	Other Accessories	577,634	11,538,502	108	557,004	13,870,984	113
	Subtotal	840,734	36,499,123	113	813,287	37,219,479	105
T o t a l		54,896,757	178,353,114	107	55,172,864	182,024,226	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.