

## Production and Sales of Machine tool Accessory on July – 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	20,738,125	9,016,430	97	21,132,310	9,445,787	98
	Ball Screws	526,585	14,741,163	97	552,937	15,926,588	96
	Liner motion guides	3,207,400	23,625,750	94	3,054,443	23,882,213	91
	Spindles	1,522	577,819	100	1,635	623,652	100
	Coupling	967,019	2,727,687	97	935,731	2,495,114	94
	Other	8,074	62,321	136	7,694	61,429	115
	Subtotal	25,448,725	50,751,170	95	25,684,750	52,434,783	94
Work Holding	Hand Operated	7,080	837,539	113	6,439	804,054	105
Devices	Power Operated	51,062	4,306,392	91	50,311	4,301,496	101
	Special Design Chucks	821	254,032	135	851	389,161	111
	Actuators for Power Operated	11,928	1,306,575	95	11,426	1,256,052	91
	Live Centers	7,535	235,585	119	7,385	287,302	107
	Other Work Holding	18,960	1,257,195	118	18,194	1,155,666	114
	Subtotal	97,386	8,197,318	99	94,606	8,193,731	102
Tool Holders	General purpose Tool Holders	114,515	684,438	99	112,008	643,598	102
	Tool Holders for NC machine tools	820,151	7,376,836	110	769,458	6,636,913	100
	Tool Holders for lathers	5,963	129,068	108	5,912	119,432	102
	Tool Holders for special	11,787	120,038	117	13,984	136,418	115
	Other Tool Holders	86,971	851,117	126	65,824	739,092	109
	Subtotal	1,039,387	9,161,497	110	967,186	8,275,453	101
Attachments and Accessories	Attachments for indexing	9,779	8,870,598	87	9,361	8,791,056	83
	Machine Vice	6,499	898,307	156	5,933	925,446	126
	Other Attached	107,926	1,666,713	132	104,323	1,429,689	114
	Other Accessories	289,750	5,742,223	106	273,657	6,999,735	111
	Subtotal	413,954	17,177,841	98	393,274	18,145,926	96
T o t a l		26,999,452	85,287,826	98	27,139,816	87,049,893	95

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.