

## Production and Sales of Machine tool Accessory on April – September,2016

(Value in Thousands of Yen)

Items		Production		Comparison (%) to the year earlier	Sales		Comparison (%) to the year earlier
		Quantity	Value		Quantity	Value	
Elements	Clutchs & Brakes	20,378,548	8,622,467	93	20,558,831	8,963,081	93
	Ball Screws	555,393	13,624,185	86	576,641	14,666,757	86
	Liner motion guides	3,367,936	24,310,589	94	3,397,579	25,566,903	97
	Spindles	1,281	519,717	98	1,391	559,347	97
	Coupling	1,264,130	3,040,812	103	1,202,375	2,706,037	97
	Other	5,332	42,584	64	5,487	44,047	66
	Subtotal	25,572,620	50,160,354	92	25,742,304	52,506,172	93
Work Holding	Hand Operated	5,734	667,817	80	6,416	773,790	95
Devices	Power Operated	50,549	3,800,307	82	52,042	3,658,957	83
	Special Design Chucks	481	143,977	66	657	286,231	78
	Actuators for Power Operated	10,211	1,097,977	76	10,512	1,055,670	74
	Live Centers	7,236	226,527	106	6,414	251,479	92
	Other Work Holding	18,956	1,133,151	94	18,994	1,068,720	98
	Subtotal	93,167	7,069,756	82	95,035	7,094,847	85
Tool Holders	General purpose Tool Holders	116,243	665,605	103	103,553	587,717	91
	Tool Holders for NC machine tools	671,193	6,255,106	81	723,003	6,004,856	81
	Tool Holders for lathers	5,491	120,027	104	5,034	110,021	103
	Tool Holders for special	7,700	83,360	66	9,597	97,327	67
	Other Tool Holders	63,199	679,579	86	55,537	637,729	87
	Subtotal	863,826	7,803,677	83	896,724	7,437,650	82
Attachments and Accessories	Attachments for indexing	9,023	9,047,116	86	9,140	8,953,319	95
	Machine Vice	5,954	728,217	97	5,620	842,367	100
	Other Attached	97,040	1,382,380	101	95,218	1,339,778	101
	Other Accessories	308,276	5,415,871	96	264,144	6,277,377	94
	Subtotal	420,293	16,573,584	91	374,122	17,412,841	95
T o t a l		26,949,906	81,607,371	90	27,108,185	84,451,510	92

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.