

## Production and Sales of Machine tool Accessory on July – September,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	12,995,022	5,583,946	124	12,108,390	5,841,033	124
	Ball Screws	354,634	8,562,198	124	370,952	9,278,372	125
	Liner motion guides	1,957,314	14,500,824	116	2,092,143	15,244,357	117
	Spindles	659	309,378	115	705	334,469	115
	Coupling	692,667	1,804,711	114	676,692	1,697,544	122
	Other	2,409	21,842	140	2,689	23,167	133
	Subtotal	16,002,705	30,782,899	119	15,251,571	32,418,942	121
Work Holding	Hand Operated	2,817	325,854	102	3,218	354,022	91
Devices	Power Operated	29,106	2,193,733	114	28,485	2,195,533	119
	Special Design Chucks	333	128,335	195	428	192,447	129
	Actuators for Power Operated	6,902	805,469	160	7,136	708,709	130
	Live Centers	3,859	117,005	105	3,687	148,168	121
	Other Work Holding	13,875	708,258	112	11,627	599,541	104
	Subtotal	56,892	4,278,654	120	54,581	4,198,420	116
Tool Holders	General purpose Tool Holders	60,297	335,613	102	60,766	331,793	111
	Tool Holders for NC machine tools	380,992	3,282,860	118	416,526	3,455,582	122
	Tool Holders for lathers	3,414	76,814	144	3,515	74,398	137
	Tool Holders for special	4,425	45,746	99	5,091	50,116	94
	Other Tool Holders	31,316	390,611	125	31,466	391,307	128
	Subtotal	480,444	4,131,644	118	517,364	4,303,196	122
Attachments and Accessories	Attachments for indexing	5,020	5,029,568	122	5,303	4,888,867	109
	Machine Vice	3,344	384,191	112	3,204	492,143	116
	Other Attached	124,562	787,698	115	123,033	727,957	109
	Other Accessories	159,384	3,314,842	123	155,282	3,860,894	124
	Subtotal	292,310	9,516,299	121	286,822	9,969,861	115
T o t a l		16,832,351	48,709,496	120	16,110,338	50,890,419	119

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.