

## Production and Sales of Machine tool Accessory on July – September,2012

(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	14,646,609	4,354,171	91	14,709,533	4,416,956	92
	Ball Screws	253,459	7,167,182	68	265,747	7,784,613	67
	Liner motion guides	1,311,613	9,879,925	66	1,322,989	10,499,418	67
	Spindles	742	287,835	87	800	310,396	87
	Coupling	420,180	1,207,969	85	408,793	1,119,230	86
	Other	3,289	25,244	127	3,285	24,477	113
	Subtotal	16,635,892	22,922,326	72	16,711,147	24,155,090	71
Work Holding	Hand Operated	3,622	409,848	132	3,396	376,954	100
Devices	Power Operated	25,473	2,430,539	99	25,008	2,235,275	108
	Special Design Chucks	296	81,476	102	325	167,811	107
	Actuators for Power Operated	5,485	580,327	81	6,087	627,344	90
	Live Centers	3,604	105,776	114	2,987	118,724	91
	Other Work Holding	6,241	431,428	84	5,210	365,889	72
	Subtotal	44,721	4,039,394	97	43,013	3,891,997	99
Tool Holders	General purpose Tool Holders	50,439	309,661	99	48,800	284,737	94
	Tool Holders for NC machine tools	377,302	3,307,018	102	417,771	3,457,711	115
	Tool Holders for lathers	2,051	47,342	79	2,755	49,614	86
	Tool Holders for special	6,110	54,232	121	7,700	64,424	118
	Other Tool Holders	15,439	184,306	80	21,861	219,120	95
	Subtotal	451,341	3,902,559	101	498,887	4,075,606	111
Attachments and Accessories	Attachments for indexing	5,425	4,548,464	110	5,358	4,484,343	112
	Machine Vice	1,775	238,076	138	1,825	311,885	147
	Other Attached	26,100	437,343	77	27,262	455,170	80
	Other Accessories	107,497	2,168,020	87	112,558	2,580,015	89
	Subtotal	140,797	7,391,903	100	147,003	7,831,413	102
T o t a l		17,272,751	38,256,182	81	17,400,050	39,954,106	81

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.