

## Production and Sales of Machine tool Accessory on December,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	3,439,244	1,351,442	95	3,491,506	1,316,595	93
	Ball Screws	57,732	1,752,421	62	63,126	1,929,361	62
	Liner motion guides	348,620	2,560,808	71	349,843	2,747,933	77
	Spindles	185	69,001	67	198	73,867	66
	Coupling	135,921	389,370	87	130,429	348,035	85
	Other	980	7,775	274	970	7,372	255
	Subtotal	3,982,682	6,130,817	73	4,036,072	6,423,163	74
Work Holding	Hand Operated	1,126	101,579	75	908	94,061	74
Devices	Power Operated	7,040	726,911	93	6,533	626,076	93
	Special Design Chucks	48	10,811	29	70	25,289	55
	Actuators for Power Operated	1,507	150,317	62	690	115,526	53
	Live Centers	904	24,077	84	873	34,925	90
	Other Work Holding	2,342	115,476	73	2,030	105,159	68
	Subtotal	12,967	1,129,171	82	11,104	1,001,036	80
Tool Holders	General purpose Tool Holders	19,611	111,279	75	16,033	96,922	67
	Tool Holders for NC machine tools	108,425	873,373	82	91,432	761,045	77
	Tool Holders for lathers	387	8,066	61	501	8,267	63
	Tool Holders for special	1,415	12,287	52	1,575	13,648	49
	Other Tool Holders	5,800	65,767	101	6,808	71,787	97
	Subtotal	135,638	1,070,772	82	116,349	951,669	76
Attachments and Accessories	Attachments for indexing	1,332	1,136,221	78	986	951,784	72
	Machine Vice	623	88,980	152	461	76,944	117
	Other Attached	12,957	118,271	73	13,382	123,331	72
	Other Accessories	31,261	627,990	89	23,672	710,316	82
	Subtotal	46,173	1,971,462	82	38,501	1,862,375	77
T o t a l		4,177,460	10,302,222	76	4,202,026	10,238,243	75

Although considered as the factory-shippments 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-sellingsprices or contract prices will estimate, and it will enter.