

## Production and Sales of Machine tool Accessory on November,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	3,361,707	1,329,449	92	3,423,194	1,343,965	94
	Ball Screws	63,887	1,898,771	62	66,201	2,043,511	61
	Liner motion guides	377,195	2,763,934	68	395,064	2,994,345	77
	Spindles	193	74,226	70	205	79,251	70
	Coupling	142,356	374,055	83	139,969	352,898	88
	Other	1,378	10,723	327	1,527	12,258	327
	Subtotal	3,946,716	6,451,158	71	4,026,160	6,826,228	74
Work Holding	Hand Operated	888	112,594	89	930	106,962	72
Devices	Power Operated	8,323	742,919	87	7,577	678,974	99
	Special Design Chucks	89	45,842	317	84	40,443	86
	Actuators for Power Operated	1,935	180,293	58	1,962	193,977	73
	Live Centers	1,037	36,755	86	1,144	47,730	91
	Other Work Holding	1,149	112,047	82	1,545	106,362	78
	Subtotal	13,421	1,230,450	83	13,242	1,174,448	88
Tool Holders	General purpose Tool Holders	18,605	112,475	103	17,272	98,073	93
	Tool Holders for NC machine tools	131,906	1,107,719	101	110,947	946,492	102
	Tool Holders for lathers	589	10,876	67	617	11,538	64
	Tool Holders for special	1,951	17,764	99	2,481	20,791	95
	Other Tool Holders	7,820	75,415	98	7,147	72,441	92
	Subtotal	160,871	1,324,249	100	138,464	1,149,335	100
Attachments and Accessories	Attachments for indexing	1,600	1,545,897	117	1,300	1,268,951	100
	Machine Vice	568	73,721	88	515	85,454	131
	Other Attached	8,025	130,336	76	7,818	126,977	74
	Other Accessories	24,166	729,896	91	6,654	847,366	94
	Subtotal	34,359	2,479,850	104	16,287	2,328,748	96
T o t a l		4,155,367	11,485,707	80	4,194,153	11,478,759	81

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.